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West Corridor Bus Service Study

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Supplement 2

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West Corridor Bus Service Study
Technical Supplement 2

WESTBus

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D Survey Results

Appendix D summarizes the WESTBus survey results by route and for all of the routes combined (weekdays only).

1. Summary of Survey Results Survey results have been expanded to represent weekday totals, with expansion done on the basis of peak and off-peak ridership.

2. Survey Form A copy of the survey form used.

Summary of Survey Results - All Routes Combined

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	616	.	.	.
WALKED	9363	63.4	9363	63.4
BUS TRANSFER	1508	10.2	10871	73.6
RAIL TRANSIT	280	1.9	11151	75.5
PARK AND RIDE	2673	18.1	13824	93.7
KISS AND RIDE	867	5.9	14691	99.5
BICYCLE	35	0.2	14726	99.8
TAXI	25	0.2	14751	99.9
OTHER	10	0.1	14761	100.0

ROUTE TRANSFERRED FROM

FROMROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	13706	.	.	.
16	35	2.1	35	2.1
34	48	2.9	83	5.0
36	16	1.0	99	5.9
39	34	2.0	133	8.0
52	40	2.4	173	10.4
53	214	12.8	387	23.2
54	299	17.9	686	41.1
56	34	2.0	720	43.1
57	208	12.4	928	55.5
58	16	1.0	944	56.5
59	50	3.0	994	59.5
61	22	1.3	1016	60.8
70	107	6.4	1123	67.2
71	129	7.7	1252	74.9
73	27	1.6	1279	76.5
301	4	0.2	1283	76.8
302	52	3.1	1335	79.9
304	259	15.5	1594	95.4
888	77	4.6	1671	100.0

WEEKDAY SURVEY RESPONSES - ALL ROUTES COMBINED
>>WEIGHTED<<

ROUTE TRANSFERRED TO

TOROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	13639	.	.	.
34	8	0.5	8	0.5
39	30	1.7	38	2.2
43	12	0.7	50	2.9
49	6	0.3	56	3.2
52	53	3.0	109	6.3
53	96	5.5	205	11.8
54	67	3.9	272	15.7
56	32	1.8	304	17.5
57	217	12.5	521	30.0
58	56	3.2	577	33.2
59	89	5.1	666	38.3
61	71	4.1	737	42.4
64	22	1.3	759	43.7
70	210	12.1	969	55.8
71	129	7.4	1098	63.2
73	15	0.9	1113	64.0
171	8	0.5	1121	64.5
301	6	0.3	1127	64.8
302	89	5.1	1216	70.0
304	477	27.4	1693	97.4
305	6	0.3	1699	97.8
521	10	0.6	1709	98.3
888	29	1.7	1738	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1477	.	.	.
HB WORK	11104	79.9	11104	79.9
HB SCHOOL	639	4.6	11743	84.5
HB SHOPPING	606	4.4	12349	88.8
HB OTHER	549	3.9	12898	92.8
NON HB	1002	7.2	13900	100.0

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	810	.	.	.
BOSTON IN GENRL.	409	2.8	409	2.8
ARLINGTON	24	0.2	433	3.0
BROCKLINE	167	1.1	600	4.1
CAMBRIDGE	290	2.0	890	6.1
OTHER TOWNS	59	0.4	949	6.5
EVERETT	35	0.2	984	6.8
MALDEN	14	0.1	998	6.9
MEDFORD	42	0.3	1040	7.1
NATICK	8	0.1	1048	7.2
NEEDHAM	52	0.4	1100	7.6
NEWTON	1786	12.3	2886	19.8
QUINCY	50	0.3	2936	20.2
REVERE	4	0.0	2940	20.2
WALTHAM	447	3.1	3387	23.3
WATERTOWN	347	2.4	3734	25.6
WELLESLEY	13	0.1	3747	25.7
WEYMOUTH	9	0.1	3756	25.8
WINTHROP	9	0.1	3765	25.8
BACKBAY	522	3.6	4287	29.4
BEACON HILL	268	1.8	4555	31.3
FINANCIAL/RETAIL	5386	37.0	9941	68.2
GOVT CENTER	1643	11.3	11584	79.5
NORTH END	112	0.8	11696	80.3
PARK SQUARE	1010	6.9	12706	87.2
PRUDENTIAL	463	3.2	13169	90.4
SOUTH END	149	1.0	13318	91.4
WATERFRONT	297	2.0	13615	93.5
ALLSTON/BRIGHTON	234	1.6	13849	95.1
CHARLESTOWN	23	0.2	13872	95.2
EAST BOSTON	20	0.1	13892	95.4
FENWY/PARKR HILL	214	1.5	14106	96.8
JAMAICA PLAIN	31	0.2	14137	97.0
LOGAN AIRPORT	16	0.1	14153	97.2
MATTAPAN	6	0.0	14159	97.2
NORTH DORCHESTER	58	0.4	14217	97.6
ROXBURY	75	0.5	14292	98.1
SOUTH BOSTON	84	0.6	14376	98.7
SOUTH DORCHESTER	114	0.8	14490	99.5
WEST ROXBURY	32	0.2	14522	99.7
MISCODED	45	0.3	14567	100.0

WEEKDAY SURVEY RESPONSES - ALL ROUTES COMBINED
>>WEIGHTED<<

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	781	.	.	.
BOSTON IN GENRL.	24	0.2	24	0.2
OTHER TOWNS	417	2.9	441	3.0
BELMONT	115	0.8	556	3.8
BROOKLINE	16	0.1	572	3.9
CAMBRIDGE	32	0.2	604	4.1
CONCORD	6	0.0	610	4.2
DEDHAM	72	0.5	682	4.7
FRAMINGHAM	97	0.7	779	5.3
LEXINGTON	24	0.2	803	5.5
LYNN	8	0.1	811	5.6
NATICK	82	0.6	893	6.1
NEEDHAM	400	2.7	1293	8.9
NEWTON	6951	47.6	8244	56.5
SOMERVILLE	11	0.1	8255	56.6
SUDBURY	73	0.5	8328	57.1
WALTHAM	1874	12.8	10202	69.9
WATERTOWN	1155	7.9	11357	77.8
WAYLAND	120	0.8	11477	78.6
WELLESLEY	334	2.3	11811	80.9
WESTON	220	1.5	12031	82.4
BACKBAY	9	0.1	12040	82.5
BEACON HILL	4	0.0	12044	82.5
FINANCIAL/RETAIL	26	0.2	12070	82.7
GOVT CENTER	8	0.1	12078	82.7
NORTH END	8	0.1	12086	82.8
ALLSTON/BRIGHTON	2119	14.5	14205	97.3
CHARLESTOWN	4	0.0	14209	97.3
FENWY/PARKR HILL	84	0.6	14293	97.9
ROSLINDALE	16	0.1	14309	98.0
ROXBURY	8	0.1	14317	98.1
WEST ROXBURY	240	1.6	14557	99.7
MISCODED	39	0.3	14596	100.0

WEEKLY MBTA USE

TFREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	587	.	.	.
LESS THAN 1 DAY	532	3.6	532	3.6
1 DAY	251	1.7	783	5.3
2 DAYS	387	2.6	1170	7.9
3 DAYS	790	5.3	1960	13.3
4 DAYS	972	6.6	2932	19.8
5 DAYS	10010	67.7	12942	87.5
6 DAYS	1246	8.4	14188	95.9
7 DAYS	602	4.1	14790	100.0

RIDING BUS DUE TO COMM RAIL STRIKE

STRIKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	145	.	.	.
YES	112	0.7	112	0.7
NO	15120	99.3	15232	100.0

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	614	.	.	.
17 OR UNDER	913	6.2	913	6.2
18 TO 24	2526	17.1	3439	23.3
25 TO 34	5244	35.5	8683	58.8
35 TO 44	3002	20.3	11685	79.2
45 TO 64	2301	15.6	13986	94.7
65 OR OLDER	777	5.3	14763	100.0

LICENSED DRIVER Y/N

DRIVLIC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	692	.	.	.
YES	11973	81.5	11973	81.5
NO	2712	18.5	14685	100.0

AUTO AVAILABLE FOR THIS TRIP

CARAVAIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	750	.	.	.
YES	7559	51.7	7559	51.7
YES BUT W/ GREAT	1278	8.7	8837	60.4
NO	5790	39.6	14627	100.0

INCOME CATEGORY

INCOME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	2422	.	.	.
UNDER $5,000	391	3.0	391	3.0
$5,000-$9,999	412	3.2	803	6.2
$10,000-$14,999	991	7.6	1794	13.8
$15,000-$19,999	1882	14.5	3676	28.4
$20,000-$29,999	2815	21.7	6491	50.1
$30,000-$39,999	1795	13.9	8286	64.0
$40,000-$49,999	1150	8.9	9436	72.8
$50,000 OR MORE	3519	27.2	12955	100.0

RELIABILITY OF SERVICE

RELIABIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1409	.	.	.
VERY POOR	367	2.6	367	2.6
POOR	1161	8.3	1528	10.9
AVERAGE	3148	22.5	4676	33.5
GOOD	4750	34.0	9426	67.5
EXCELLENT	4542	32.5	13968	100.0

CLEANLINESS OF BUSES

CLEANLI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1293	.	.	.
VERY POOR	487	3.5	467	3.5
POOR	1366	9.7	1853	13.2
AVERAGE	5102	36.2	6955	49.4
GOOD	4630	32.9	11585	82.3
EXCELLENT	2499	17.7	14084	100.0

WESTBUS
WEEKDAY SURVEY RESPONSES - ALL ROUTES COMBINED
>>WEIGHTED<<

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1507	.	.	.
VERY POOR	565	4.1	565	4.1
POOR	2042	14.7	2607	18.8
AVERAGE	5944	42.9	8551	61.7
GOOD	3357	24.2	11908	85.9
EXCELLENT	1962	14.1	13870	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1748	.	.	.
VERY POOR	1679	12.3	1679	12.3
POOR	2366	17.4	4045	29.7
AVERAGE	3525	25.9	7570	55.5
GOOD	3049	22.4	10619	77.9
EXCELLENT	3010	22.1	13629	100.0

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1559	.	.	.
VERY POOR	251	1.8	251	1.8
POOR	1348	9.8	1599	11.6
AVERAGE	5864	42.4	7463	54.0
GOOD	4050	29.3	11513	83.3
EXCELLENT	2305	16.7	13818	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1349	.	.	.
VERY POOR	655	4.7	655	4.7
POOR	1852	13.2	2507	17.9
AVERAGE	3728	26.6	6235	44.4
GOOD	4503	32.1	10738	76.5
EXCELLENT	3290	23.5	14028	100.0

WESTBUS
WEEKDAY SURVEY RESPONSES - ALL ROUTES COMBINED
>>WEIGHTED<<

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1662	.	.	.
VERY POOR	302	2.2	302	2.2
POOR	914	6.7	1216	8.9
AVERAGE	3914	28.5	5130	37.4
GOOD	4997	36.4	10127	73.8
EXCELLENT	3588	26.2	13715	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1717	.	.	.
VERY POOR	1129	8.3	1129	8.3
POOR	1998	14.6	3127	22.9
AVERAGE	3764	27.6	6991	50.4
GOOD	3992	29.2	10883	79.7
EXCELLENT	2777	20.3	13660	100.0

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1564	.	.	.
VERY POOR	338	2.4	338	2.4
POOR	465	3.4	803	5.8
AVERAGE	2027	14.7	2830	20.5
GOOD	4445	32.2	7275	52.7
EXCELLENT	6538	47.3	13813	100.0

Summary of Survey Results - By Route

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=52

TYPE OF FARE PAID

FARE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	16	.	.	.
ADULT CASH FARE	552	41.8	552	41.8
ADULT MONTH PASS	328	24.8	880	66.7
SENIOR CITIZEN	72	5.5	952	72.1
HANDICAPPED	32	2.4	984	74.5
CHILD CASH	208	15.8	1192	90.3
STUDENT PASS	104	7.9	1296	98.2
OTHER	24	1.8	1320	100.0

TYPE OF PASS USED

PASS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1096	.	.	.
A	48	20.0	48	20.0
C	168	70.0	216	90.0
D	8	3.3	224	93.3
E	16	6.7	240	100.0

INNER AREA MODE TO OR FROM STOP

INMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	88	.	.	.
WALKED	584	46.8	584	46.8
BUS TRANSFER	392	31.4	976	78.2
RAIL TRANSIT	216	17.3	1192	95.5
PARK AND RIDE	8	0.6	1200	96.2
KISS AND RIDE	40	3.2	1240	99.4
MISCODED	8	0.6	1248	100.0

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	152	.	.	.
WALKED	1000	84.5	1000	84.5
BUS TRANSFER	88	7.4	1088	91.9
RAIL TRANSIT	64	5.4	1152	97.3
KISS AND RIDE	32	2.7	1184	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=52

ROUTE TRANSFERRED FROM

FROMROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1120	.	.	.
34	48	22.2	48	22.2
36	16	7.4	64	29.6
57	32	14.8	96	44.4
58	16	7.4	112	51.9
70	24	11.1	136	63.0
71	24	11.1	160	74.1
304	48	22.2	208	96.3
888	8	3.7	216	100.0

ROUTE TRANSFERRED TO

TOROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1112	.	.	.
34	8	3.6	8	3.6
56	8	3.6	16	7.1
57	24	10.7	40	17.9
59	8	3.6	48	21.4
70	40	17.9	88	39.3
71	56	25.0	144	64.3
302	16	7.1	160	71.4
304	64	28.6	224	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	296	.	.	.
HB WORK	520	50.0	520	50.0
HB SCHOOL	160	15.4	680	65.4
HB SHOPPING	96	9.2	776	74.6
HB OTHER	96	9.2	872	83.8
NON HB	168	16.2	1040	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=52

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	192	.	.	.
BOSTON IN GENRL.	16	1.4	16	1.4
ARLINGTON	8	0.7	24	2.1
BROOKLINE	32	2.8	56	4.9
CAMBRIDGE	80	7.0	136	11.9
MEDFORD	8	0.7	144	12.6
NATICK	8	0.7	152	13.3
NEWTON	504	44.1	656	57.3
WALTHAM	16	1.4	672	58.7
WATERTOWN	168	14.7	840	73.4
BACKBAY	8	0.7	848	74.1
FINANCIAL/RETAIL	64	5.6	912	79.7
GOVT CENTER	40	3.5	952	83.2
NORTH END	8	0.7	960	83.9
PARK SQUARE	24	2.1	984	86.0
SOUTH END	8	0.7	992	86.7
WATERFRONT	8	0.7	1000	87.4
ALLSTON/BRIGHTON	56	4.9	1056	92.3
CHARLESTOWN	8	0.7	1064	93.0
FENWY/PARKR HILL	40	3.5	1104	96.5
ROXBURY	8	0.7	1112	97.2
WEST ROXBURY	32	2.8	1144	100.0

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	200	.	.	.
BROCKLINE	8	0.7	8	0.7
DEDHAM	72	6.3	80	7.0
NEWTON	752	66.2	832	73.2
OTHER TOWNS	24	2.1	856	75.4
WALTHAM	8	0.7	864	76.1
FINANCIAL/RETAIL	8	0.7	872	76.8
FENWY/PARKR HILL	8	0.7	880	77.5
ROSLINDALE	16	1.4	896	78.9
WEST ROXBURY	240	21.1	1136	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=52

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	268	.	.	.
VERY POOR	48	4.6	48	4.6
POOR	112	10.7	160	15.3
AVERAGE	384	36.6	544	51.9
GOOD	336	32.1	880	84.0
EXCELLENT	168	16.0	1048	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	312	.	.	.
VERY POOR	40	3.9	40	3.9
POOR	48	4.7	88	8.6
AVERAGE	184	18.0	272	26.6
GOOD	288	28.1	560	54.7
EXCELLENT	464	45.3	1024	100.0

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	256	.	.	.
VERY POOR	16	1.5	16	1.5
POOR	80	7.4	96	8.9
AVERAGE	320	29.6	416	38.5
GOOD	392	36.3	808	74.8
EXCELLENT	272	25.2	1080	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	232	.	.	.
VERY POOR	48	4.3	48	4.3
POOR	168	15.2	216	19.6
AVERAGE	264	23.9	480	43.5
GOOD	328	29.7	808	73.2
EXCELLENT	296	26.8	1104	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=52

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	272	.	.	.
VERY POOR	32	3.0	32	3.0
POOR	72	6.8	104	9.8
AVERAGE	216	20.3	320	30.1
GOOD	312	29.3	632	59.4
EXCELLENT	432	40.6	1064	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	268	.	.	.
VERY POOR	120	11.5	120	11.5
POOR	168	16.0	288	27.5
AVERAGE	288	27.5	576	55.0
GOOD	232	22.1	808	77.1
EXCELLENT	240	22.9	1048	100.0

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	256	.	.	.
VERY POOR	72	6.7	72	6.7
POOR	72	6.7	144	13.3
AVERAGE	224	20.7	368	34.1
GOOD	296	27.4	664	61.5
EXCELLENT	416	38.5	1080	100.0

MBTA ROUTE NUMBER=53

TYPE OF FARE PAID

FARE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
ADULT CASH FARE	332	39.1	332	39.1
ADULT MONTH PASS	234	27.5	566	66.6
SENIOR CITIZEN	74	8.7	640	75.3
HANDICAPPED	18	2.1	658	77.4
CHILD CASH	174	20.5	832	97.9
STUDENT PASS	18	2.1	850	100.0

TYPE OF PASS USED

PASS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	646	.	.	.
A	30	14.7	30	14.7
C	70	34.3	100	49.0
D	30	14.7	130	63.7
E	74	36.3	204	100.0

INNER AREA MODE TO OR FROM STOP

INMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	28	.	.	.
WALKED	468	56.9	468	56.9
BUS TRANSFER	344	41.8	812	98.8
RAIL TRANSIT	10	1.2	822	100.0

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	54	.	.	.
WALKED	688	96.4	688	96.4
BUS TRANSFER	88	11.1	776	97.5
PARK AND RIDE	20	2.5	796	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=53

ROUTE TRANSFERRED FROM

FROMROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	684	.	.	.
54	10	6.0	10	6.0
57	18	10.8	28	16.9
61	10	6.0	38	22.9
70	28	16.9	66	39.8
302	18	10.8	84	50.6
304	72	43.4	156	94.0
858	10	6.0	166	100.0

ROUTE TRANSFERRED TO

TOROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	574	.	.	.
52	10	3.6	10	3.6
57	78	28.3	88	31.9
58	28	10.1	116	42.0
59	30	10.9	146	52.9
61	20	7.2	166	60.1
304	100	36.2	266	96.4
521	10	3.6	276	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	150	.	.	.
HB WORK	328	46.9	328	46.9
HB SCHOOL	154	22.0	482	68.9
HB SHOPPING	66	9.4	548	78.3
HB OTHER	48	6.9	596	85.1
NON HB	104	14.9	700	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=59

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	56	.	.	.
CAMBRIDGE	28	3.6	28	3.6
MEDFORD	10	1.3	38	4.9
NEEDHAM	10	1.3	48	6.1
NEWTON	254	32.5	302	38.6
QUINCY	10	1.3	312	39.9
WALTHAM	156	19.9	468	59.8
WATERTOWN	18	2.3	486	62.1
WELLESLEY	10	1.3	496	63.4
BEACON HILL	18	2.3	514	65.7
FINANCIAL/RETAIL	98	12.5	612	78.3
GOVT CENTER	20	2.6	632	80.9
PARK SQUARE	10	1.3	642	82.1
SOUTH END	18	2.3	660	84.4
ALLSTON/BRIGHTON	66	8.4	726	92.8
FENWY/PARKR HILL	18	2.3	744	95.1
ROXBURY	10	1.3	754	96.4
SOUTH BOSTON	18	2.3	772	98.7
SOUTH DORCHESTER	10	1.3	782	100.0

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	92	.	.	.
BOSTON IN GENRL.	18	2.4	18	2.4
LEXINGTON	20	2.6	38	5.0
NEEDHAM	10	1.3	48	6.3
NEWTON	324	42.7	372	49.1
WALTHAM	376	49.6	748	98.7
WESTON	10	1.3	758	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=53

WEEKLY MBTA USE

TFREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	20	.	.	.
LESS THAN 1 DAY	46	5.5	46	5.5
2 DAYS	36	4.3	82	9.9
3 DAYS	48	5.8	130	15.7
4 DAYS	92	11.1	222	26.7
5 DAYS	448	54.0	670	80.7
6 DAYS	96	11.6	766	92.3
7 DAYS	64	7.7	830	100.0

RIDING BUS DUE TO COMM RAIL STRIKE

STRIKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
YES	10	1.2	10	1.2
NO	840	98.8	850	100.0

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	20	.	.	.
17 OR UNDER	192	23.1	192	23.1
18 TO 24	152	18.3	344	41.4
25 TO 34	210	25.3	554	66.7
35 TO 44	126	15.2	680	81.9
45 TO 64	66	8.0	746	89.9
65 OR OLDER	84	10.1	830	100.0

LICENSED DRIVER Y/N

DRIVLIC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	48	.	.	.
YES	450	56.1	450	56.1
NO	352	43.9	802	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

META ROUTE NUMBER=53

AUTO AVAILABLE FOR THIS TRIP

CARAVAIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	38	.	.	.
YES	118	14.5	118	14.5
YES BUT W/ GREAT	94	11.6	212	26.1
NO	600	73.9	812	100.0

INCOME CATEGORY

INCOME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	204	.	.	.
UNDER $5,000	68	10.5	68	10.5
$5,000-$9,999	66	10.2	134	20.7
$10,000-$14,999	84	13.0	218	33.7
$15,000-$19,999	172	26.6	390	60.4
$20,000-$29,999	114	17.6	504	78.0
$30,000-$39,999	56	8.7	560	86.7
$40,000-$49,999	10	1.5	570	88.2
$50,000 OR MORE	76	11.8	646	100.0

RELIABILITY OF SERVICE

RELIABIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	104	.	.	.
VERY POOR	20	2.7	20	2.7
POOR	74	9.9	94	12.6
AVERAGE	184	24.7	279	37.3
GOOD	174	23.3	452	60.6
EXCELLENT	294	39.4	746	100.0

CLEANLINESS OF BUSES

CLEANLI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	104	.	.	.
VERY POOR	10	1.3	10	1.3
POOR	92	12.3	102	13.7
AVERAGE	182	24.4	284	38.1
GOOD	268	35.9	552	74.0
EXCELLENT	194	26.0	746	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=53

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	122	.	.	.
VERY POOR	48	6.6	48	6.6
POOR	36	4.9	84	11.5
AVERAGE	316	43.4	400	54.9
GOOD	180	24.7	580	79.7
EXCELLENT	148	20.3	728	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	140	.	.	.
VERY POOR	20	2.8	20	2.8
POOR	48	6.8	68	9.6
AVERAGE	206	29.0	274	38.6
GOOD	160	22.5	434	61.1
EXCELLENT	276	38.9	710	100.0

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	124	.	.	.
VERY POOR	10	1.4	10	1.4
POOR	56	7.7	66	9.1
AVERAGE	284	39.1	350	48.2
GOOD	202	27.8	552	76.0
EXCELLENT	174	24.0	726	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	84	.	.	.
VERY POOR	38	5.0	38	5.0
POOR	156	20.4	194	25.3
AVERAGE	230	30.0	424	55.4
GOOD	122	15.9	546	71.3
EXCELLENT	220	28.7	766	100.0

MBTA ROUTE NUMBER=53

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	132	.	.	.
VERY POOR	10	1.4	10	1.4
POOR	86	12.0	96	13.4
AVERAGE	150	20.9	246	34.3
GOOD	226	31.5	472	65.7
EXCELLENT	246	34.3	718	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	142	.	.	.
VERY POOR	76	10.7	76	10.7
POOR	134	18.9	210	29.7
AVERAGE	236	33.3	446	63.0
GOOD	142	20.1	588	83.1
EXCELLENT	120	16.9	708	100.0

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	122	.	.	.
VERY POOR	66	9.1	66	9.1
POOR	50	6.9	116	15.9
AVERAGE	192	26.4	308	42.3
GOOD	168	23.1	476	65.4
EXCELLENT	252	34.6	728	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=54

TYPE OF FARE PAID

FARE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	5	.	.	.
ADULT CASH FARE	187	28.0	187	28.0
ADULT MONTH PASS	292	43.7	479	71.7
SENIOR CITIZEN	111	16.6	590	88.3
HANDICAPPED	20	3.0	610	91.3
CHILD CASH	47	7.0	657	98.4
STUDENT PASS	11	1.6	668	100.0

TYPE OF PASS USED

PASS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	450	.	.	.
A	37	16.6	37	16.6
C	109	48.9	146	65.5
D	55	24.7	201	90.1
E	11	4.9	212	95.1
F	11	4.9	223	100.0

INNER AREA MODE TO OR FROM STOP

INMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	64	.	.	.
WALKED	236	38.8	236	38.8
BUS TRANSFER	363	59.6	599	98.4
KISS AND RIDE	10	1.6	609	100.0

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	31	.	.	.
WALKED	543	84.6	543	84.6
BUS TRANSFER	52	8.1	595	92.7
PARK AND RIDE	21	3.3	616	96.0
KISS AND RIDE	26	4.0	642	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=54

ROUTE TRANSFERRED FROM

FROMROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	590	.	.	.
52	5	6.0	5	6.0
57	31	37.3	36	43.4
73	27	32.5	63	75.9
304	20	24.1	83	100.0

ROUTE TRANSFERRED TO

TOROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	372	.	.	.
52	11	3.7	11	3.7
53	5	1.7	16	5.3
57	31	10.3	47	15.6
59	33	11.0	80	26.6
61	21	7.0	101	33.6
73	15	5.0	116	38.5
302	38	12.6	154	51.2
304	147	48.8	301	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	206	.	.	.
HB WORK	283	60.6	283	60.6
HB SCHOOL	20	4.3	303	64.9
HB SHOPPING	51	10.9	354	75.8
HB OTHER	47	10.1	401	85.9
NON HB	66	14.1	467	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=54

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	122	.	.	.
BOSTON IN GENRL.	27	4.9	27	4.9
BROCKLINE	10	1.8	37	6.7
CAMBRIDGE	5	0.9	42	7.6
NEWTON	167	30.3	209	37.9
WALTHAM	134	24.3	343	62.3
FINANCIAL/RETAIL	74	13.4	417	75.7
GOVT CENTER	33	6.0	450	81.7
PRUDENTIAL	22	4.0	472	85.7
SOUTH END	16	2.9	488	88.6
WATERFRONT	11	2.0	499	90.6
ALLSTON/BRIGHTON	20	3.6	519	94.2
FENWY/PARKR HILL	32	5.8	551	100.0

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	88	.	.	.
BELMONT	72	12.3	72	12.3
CAMBRIDGE	32	5.5	104	17.8
NEWTON	271	46.3	375	64.1
WALTHAM	200	34.2	575	98.3
WATERTOWN	10	1.7	585	100.0

WEEKLY MBTA USE

TFREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	123	.	.	.
LESS THAN 1 DAY	5	0.9	5	0.9
1 DAY	46	8.4	51	9.3
2 DAYS	25	4.5	76	13.8
3 DAYS	26	4.7	102	18.5
4 DAYS	61	11.1	163	29.6
5 DAYS	291	52.9	454	82.5
6 DAYS	53	9.6	507	92.2
7 DAYS	43	7.8	550	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=54

RIDING BUS DUE TO COMM RAIL STRIKE

STRIKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	10	.	.	.
NO	663	100.0	663	100.0

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	133	.	.	.
17 OR UNDER	26	4.8	26	4.8
18 TO 24	88	16.3	114	21.1
25 TO 34	128	23.7	242	44.8
35 TO 44	97	18.0	339	62.8
45 TO 64	105	19.4	444	82.2
65 OR OLDER	96	17.8	540	100.0

LICENSED DRIVER Y/N

DRIVLIC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	149	.	.	.
YES	343	65.5	343	65.5
NO	181	34.5	524	100.0

AUTO AVAILABLE FOR THIS TRIP

CARAVAIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	144	.	.	.
YES	112	21.2	112	21.2
YES BUT W/ GREAT	43	8.1	155	29.3
NO	374	70.7	529	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=54

INCOME CATEGORY

INCOME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	243	.	.	.
UNDER $5,000	50	11.6	50	11.6
$5,000-$9,999	20	4.7	70	16.3
$10,000-$14,999	115	26.7	185	43.0
$15,000-$19,999	53	12.3	238	55.3
$20,000-$29,999	59	13.7	297	69.1
$30,000-$39,999	53	12.3	350	81.4
$40,000-$49,999	16	3.7	366	85.1
$50,000 OR MORE	64	14.9	430	100.0

RELIABILITY OF SERVICE

RELIABIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	196	.	.	.
VERY POOR	15	3.1	15	3.1
POOR	47	9.9	62	13.0
AVERAGE	119	24.9	181	37.9
GOOD	122	25.6	303	63.5
EXCELLENT	174	36.5	477	100.0

CLEANLINESS OF BUSES

CLEANLI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	206	.	.	.
VERY POOR	5	1.1	5	1.1
POOR	52	11.1	57	12.2
AVERAGE	126	27.0	183	39.2
GOOD	136	29.1	319	68.3
EXCELLENT	148	31.7	467	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=54

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	206	.	.	.
VERY POOR	10	2.1	10	2.1
POOR	21	4.5	31	6.6
AVERAGE	215	46.0	246	52.7
GOOD	100	21.4	346	74.1
EXCELLENT	121	25.9	467	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	232	.	.	.
VERY POOR	5	1.1	5	1.1
POOR	5	1.1	10	2.3
AVERAGE	69	15.6	79	17.9
GOOD	163	37.0	242	54.9
EXCELLENT	199	45.1	441	100.0

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	206	.	.	.
VERY POOR	10	2.1	10	2.1
POOR	21	4.5	31	6.6
AVERAGE	179	38.3	210	45.0
GOOD	110	23.6	320	68.5
EXCELLENT	147	31.5	467	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	216	.	.	.
VERY POOR	37	8.1	37	8.1
POOR	37	8.1	74	16.2
AVERAGE	136	29.8	210	46.0
GOOD	83	18.2	293	64.1
EXCELLENT	164	35.9	457	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=54

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	216	.	.	.
VERY POOR	10	2.2	10	2.2
POOR	21	4.6	31	6.8
AVERAGE	152	33.3	183	40.0
GOOD	127	27.8	310	67.8
EXCELLENT	147	32.2	457	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	210	.	.	.
VERY POOR	94	20.3	94	20.3
POOR	67	14.5	161	34.8
AVERAGE	148	32.0	309	66.7
GOOD	106	22.9	415	89.6
EXCELLENT	48	10.4	463	100.0

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	211	.	.	.
VERY POOR	15	3.2	15	3.2
POOR	15	3.2	30	6.5
AVERAGE	132	28.6	162	35.1
GOOD	126	27.3	288	62.3
EXCELLENT	174	37.7	462	100.0

MBTA ROUTE NUMBER=56

TYPE OF FARE PAID

FARE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	15	.	.	.
ADULT CASH FARE	162	30.0	162	30.0
ADULT MONTH PASS	189	35.0	351	65.0
SENIOR CITIZEN	87	16.1	438	81.1
HANDICAPPED	9	1.7	447	82.9
CHILD CASH	78	14.4	525	97.2
STUDENT PASS	12	2.2	537	99.4
OTHER	3	0.6	540	100.0

TYPE OF PASS USED

PASS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	387	.	.	.
A	48	28.6	48	28.6
C	51	30.4	99	58.9
D	45	26.8	144	85.7
E	24	14.3	168	100.0

INNER AREA MODE TO OR FROM STOP

INMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	33	.	.	.
WALKED	234	44.8	234	44.8
BUS TRANSFER	270	51.7	504	96.6
RAIL TRANSIT	3	0.6	507	97.1
KISS AND RIDE	9	1.7	516	98.9
OTHER	6	1.1	522	100.0

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	51	.	.	.
WALKED	483	95.8	483	95.8
BUS TRANSFER	12	2.4	495	98.2
PARK AND RIDE	3	0.6	498	98.8
KISS AND RIDE	6	1.2	504	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=56

ROUTE TRANSFERRED FROM

FROMROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	432	.	.	.
57	33	26.8	33	26.8
59	12	9.8	45	36.6
70	6	4.9	51	41.5
302	30	24.4	81	65.9
304	36	29.3	117	95.1
888	6	4.9	123	100.0

ROUTE TRANSFERRED TO

TOROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	411	.	.	.
53	3	2.1	3	2.1
57	18	12.5	21	14.6
59	6	4.2	27	18.7
61	6	4.2	33	22.9
301	6	4.2	39	27.1
302	9	6.3	48	33.3
304	96	66.7	144	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	132	.	.	.
HB WORK	249	58.9	249	58.9
HB SCHOOL	72	17.0	321	75.9
HB SHOPPING	36	8.5	357	84.4
HB OTHER	18	4.3	375	88.7
NON HB	48	11.3	423	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=56

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	69	.	.	.
BROCKLINE	6	1.2	6	1.2
CAMBRIDGE	6	1.2	12	2.5
MALDEN	6	1.2	18	3.7
NEWTON	183	37.7	201	41.4
WALTHAM	63	13.0	264	54.3
WATERTOWN	3	0.6	267	54.9
WELLESLEY	3	0.6	270	55.6
WEYMOUTH	9	1.9	279	57.4
BACKBAY	30	6.2	309	63.6
BEACON HILL	3	0.6	312	64.2
FINANCIAL/RETAIL	66	13.6	378	77.9
GOVT CENTER	15	3.1	393	80.9
NORTH END	6	1.2	399	82.1
PARK SQUARE	27	5.6	426	87.7
PRUDENTIAL	12	2.5	438	90.1
ALLSTON/BRIGHTON	30	6.2	468	96.3
FENWY/PARKR HILL	12	2.5	480	98.8
MISCODED	6	1.2	486	100.0

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	60	.	.	.
BOSTON IN GENRL.	6	1.2	6	1.2
NEWTON	249	50.3	255	51.5
WALTHAM	240	48.5	495	100.0

WEEKLY MBTA USE

TFREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	111	.	.	.
LESS THAN 1 DAY	6	1.4	6	1.4
1 DAY	15	3.4	21	4.7
2 DAYS	18	4.1	39	8.8
3 DAYS	18	4.1	57	12.8
4 DAYS	36	8.1	93	20.9
5 DAYS	294	66.2	387	87.2
6 DAYS	45	10.1	432	97.3
7 DAYS	12	2.7	444	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=56

RIDING BUS DUE TO COMM RAIL STRIKE

STRIKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	102	.	.	.
YES	3	0.7	3	0.7
NO	450	99.3	453	100.0

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	117	.	.	.
17 OR UNDER	78	17.8	78	17.8
18 TO 24	69	15.8	147	33.6
25 TO 34	96	21.9	243	55.5
35 TO 44	63	14.4	306	69.9
45 TO 64	69	15.8	375	85.6
65 OR OLDER	63	14.4	438	100.0

LICENSED DRIVER Y/N

DRIVLIC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	120	.	.	.
YES	246	56.6	246	56.6
NO	189	43.4	435	100.0

AUTO AVAILABLE FOR THIS TRIP

CARAVAIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	132	.	.	.
YES	108	25.5	108	25.5
YES BUT W/ GREAT	30	7.1	138	32.6
NO	285	67.4	423	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=56

INCOME CATEGORY

INCOME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	219	.	.	.
UNDER $5,000	18	5.4	18	5.4
$5,000-$9,999	42	12.5	60	17.9
$10,000-$14,999	27	8.0	87	25.9
$15,000-$19,999	39	11.6	126	37.5
$20,000-$29,999	87	25.9	213	63.4
$30,000-$39,999	42	12.5	255	75.9
$40,000-$49,999	45	13.4	300	89.3
$50,000 OR MORE	36	10.7	336	100.0

RELIABILITY OF SERVICE

RELIABIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	183	.	.	.
VERY POOR	15	4.0	15	4.0
POOR	21	5.6	36	9.7
AVERAGE	138	37.1	174	46.8
GOOD	105	28.2	279	75.0
EXCELLENT	93	25.0	372	100.0

CLEANLINESS OF BUSES

CLEANLI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	174	.	.	.
VERY POOR	27	7.1	27	7.1
POOR	51	13.4	78	20.5
AVERAGE	138	36.2	216	56.7
GOOD	114	29.9	330	86.6
EXCELLENT	51	13.4	381	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=56

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	192	.	.	.
VERY POOR	15	4.1	15	4.1
POOR	60	16.5	75	20.7
AVERAGE	153	42.1	228	62.8
GOOD	84	23.1	312	86.0
EXCELLENT	51	14.0	363	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	198	.	.	.
VERY POOR	9	2.5	9	2.5
POOR	24	6.7	33	9.2
AVERAGE	81	22.7	114	31.9
GOOD	108	30.3	222	62.2
EXCELLENT	135	37.8	357	100.0

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	192	.	.	.
VERY POOR	18	5.0	18	5.0
POOR	30	8.3	48	13.2
AVERAGE	156	43.0	204	56.2
GOOD	96	26.4	300	82.6
EXCELLENT	63	17.4	363	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	183	.	.	.
VERY POOR	30	8.1	30	8.1
POOR	54	14.5	84	22.6
AVERAGE	93	25.0	177	47.6
GOOD	117	31.5	294	79.0
EXCELLENT	78	21.0	372	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=56

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	201	.	.	.
VERY POOR	21	5.9	21	5.9
POOR	9	2.5	30	8.5
AVERAGE	87	24.6	117	33.1
GOOD	117	33.1	234	66.1
EXCELLENT	120	33.9	354	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	198	.	.	.
VERY POOR	51	14.3	51	14.3
POOR	42	11.8	93	26.1
AVERAGE	99	27.7	192	53.8
GOOD	87	24.4	279	78.2
EXCELLENT	78	21.8	357	100.0

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	198	.	.	.
VERY POOR	9	2.5	9	2.5
POOR	6	1.7	15	4.2
AVERAGE	84	23.5	99	27.7
GOOD	102	28.6	201	56.3
EXCELLENT	156	43.7	357	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=58

TYPE OF FARE PAID

FARE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
ADULT CASH FARE	170	44.4	170	44.4
ADULT MONTH PASS	141	36.8	311	81.2
SENIOR CITIZEN	45	11.7	356	93.0
HANDICAPPED	13	3.4	369	96.3
CHILD CASH	14	3.7	383	100.0

TYPE OF PASS USED

PASS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	265	.	.	.
A	17	14.4	17	14.4
C	66	55.9	83	70.3
D	13	11.0	96	81.4
E	17	14.4	113	95.8
MISCODED	5	4.2	118	100.0

INNER AREA MODE TO OR FROM STOP

INMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	29	.	.	.
WALKED	184	52.0	184	52.0
BUS TRANSFER	162	45.8	346	97.7
RAIL TRANSIT	4	1.1	350	98.9
BICYCLE	4	1.1	354	100.0

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	28	.	.	.
WALKED	327	92.1	327	92.1
BUS TRANSFER	5	1.4	332	93.5
PARK AND RIDE	4	1.1	336	94.6
KISS AND RIDE	9	2.5	345	97.2
OTHER	10	2.8	355	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=58

ROUTE TRANSFERRED FROM

FROMROUT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	287	.	.	.
57	9	9.4	9	9.4
70	5	5.2	14	14.6
301	4	4.2	18	18.7
302	4	4.2	22	22.9
304	74	77.1	96	100.0

ROUTE TRANSFERRED TO

TOROUT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	307	.	.	.
53	5	6.6	5	6.6
57	13	17.1	18	23.7
70	10	13.2	28	36.8
302	5	6.6	33	43.4
304	43	56.6	76	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	64	.	.	.
HB WORK	220	69.0	220	69.0
HB SCHOOL	5	1.6	225	70.5
HB SHOPPING	44	13.8	269	84.3
HB OTHER	14	4.4	283	88.7
NON HB	36	11.3	319	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=58

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	51	.	.	.
BROCKLINE	8	2.4	8	2.4
OTHER TOWNS	4	1.2	12	3.6
NEWTON	102	30.7	114	34.3
WALTHAM	49	14.8	163	49.1
WATERTOWN	32	9.6	195	58.7
FINANCIAL/RETAIL	59	17.8	254	76.5
GOVT CENTER	26	7.8	280	84.3
PARK SQUARE	9	2.7	289	87.0
PRUDENTIAL	13	3.9	302	91.0
WATERFRONT	4	1.2	306	92.2
ALLSTON/BRIGHTON	9	2.7	315	94.9
FENWY/PARKR HILL	5	1.5	320	96.4
JAMAICA PLAIN	4	1.2	324	97.6
NORTH DORCHESTER	4	1.2	328	98.8
ROXBURY	4	1.2	332	100.0

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	40	.	.	.
OTHER TOWNS	5	1.5	5	1.5
NEWTON	166	48.4	171	49.9
SOMERVILLE	5	1.5	176	51.3
WALTHAM	145	42.3	321	93.6
WATERTOWN	17	5.0	338	98.5
MISCODED	5	1.5	343	100.0

WEEKLY MBTA USE

TFREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	38	.	.	.
LESS THAN 1 DAY	18	5.2	18	5.2
3 DAYS	4	1.2	22	6.4
4 DAYS	46	13.3	68	19.7
5 DAYS	214	62.0	282	81.7
6 DAYS	54	15.7	336	97.4
7 DAYS	9	2.6	345	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=58

RIDING BUS DUE TO COMM RAIL STRIKE

STRIKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	5	.	.	.
YES	4	1.1	4	1.1
NO	374	98.9	378	100.0

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	30	.	.	.
17 OR UNDER	13	3.7	13	3.7
18 TO 24	49	13.9	62	17.6
25 TO 34	143	40.5	205	58.1
35 TO 44	60	17.0	265	75.1
45 TO 64	61	17.3	326	92.4
65 OR OLDER	27	7.6	353	100.0

LICENSED DRIVER Y/N

DRIVLIC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	44	.	.	.
YES	210	61.9	210	61.9
NO	129	38.1	339	100.0

AUTO AVAILABLE FOR THIS TRIP

CARAVAIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	43	.	.	.
YES	94	27.6	94	27.6
YES BUT W/ GREAT	31	9.1	125	36.8
NO	215	63.2	340	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=58

INCOME CATEGORY

INCOME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	105	.	.	.
UNDER $5,000	22	7.9	22	7.9
$5,000-$9,999	13	4.7	35	12.6
$10,000-$14,999	69	24.8	104	37.4
$15,000-$19,999	55	19.8	159	57.2
$20,000-$29,999	70	25.2	229	82.4
$30,000-$39,999	4	1.4	233	83.8
$40,000-$49,999	14	5.0	247	88.8
$50,000 OR MORE	31	11.2	278	100.0

RELIABILITY OF SERVICE

RELIABIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	64	.	.	.
VERY POOR	8	2.5	8	2.5
POOR	30	9.4	38	11.9
AVERAGE	52	16.3	90	28.2
GOOD	93	29.2	183	57.4
EXCELLENT	136	42.6	319	100.0

CLEANLINESS OF BUSES

CLEANLI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	65	.	.	.
VERY POOR	4	1.3	4	1.3
POOR	17	5.3	21	6.6
AVERAGE	73	23.0	94	29.6
GOOD	130	40.9	224	70.4
EXCELLENT	94	29.6	318	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=59

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	64	.	.	.
VERY POOR	5	1.6	5	1.6
POOR	30	9.4	35	11.0
AVERAGE	84	26.3	119	37.3
GOOD	107	33.5	226	70.8
EXCELLENT	93	29.2	319	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	64	.	.	.
POOR	8	2.5	8	2.5
AVERAGE	51	16.0	59	18.5
GOOD	73	22.9	132	41.4
EXCELLENT	187	58.6	319	100.0

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	64	.	.	.
VERY POOR	4	1.3	4	1.3
POOR	21	6.6	25	7.8
AVERAGE	77	24.1	102	32.0
GOOD	108	33.9	210	65.8
EXCELLENT	109	34.2	319	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	65	.	.	.
VERY POOR	9	2.8	9	2.8
POOR	38	11.9	47	14.8
AVERAGE	61	19.2	108	34.0
GOOD	89	28.0	197	61.9
EXCELLENT	121	38.1	318	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=59

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	69	.	.	.
VERY POOR	10	3.2	10	3.2
POOR	9	2.9	19	6.1
AVERAGE	45	14.3	64	20.4
GOOD	110	35.0	174	55.4
EXCELLENT	140	44.6	314	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	77	.	.	.
VERY POOR	31	10.1	31	10.1
POOR	48	15.7	79	25.8
AVERAGE	66	21.6	145	47.4
GOOD	99	32.4	244	79.7
EXCELLENT	62	20.3	306	100.0

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	82	.	.	.
VERY POOR	17	5.6	17	5.6
POOR	18	6.0	35	11.6
AVERAGE	27	9.0	62	20.6
GOOD	135	44.9	197	65.4
EXCELLENT	104	34.6	301	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=59

TYPE OF FARE PAID

FARE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	8	.	.	.
ADULT CASH FARE	595	52.3	595	52.3
ADULT MONTH PASS	269	23.7	864	76.0
SENIOR CITIZEN	127	11.2	991	87.2
HANDICAPPED	16	1.4	1007	88.6
CHILD CASH	114	10.0	1121	98.6
STUDENT PASS	16	1.4	1137	100.0

TYPE OF PASS USED

PASS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	897	.	.	.
A	132	53.2	132	53.2
C	100	40.3	232	93.5
E	16	6.5	248	100.0

INNER AREA MODE TO OR FROM STOP

INMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	48	.	.	.
WALKED	645	58.8	645	58.8
BUS TRANSFER	275	25.1	920	83.9
RAIL TRANSIT	177	16.1	1097	100.0

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	60	.	.	.
WALKED	904	84.0	904	84.0
RAIL TRANSIT	156	14.5	1060	98.5
KISS AND RIDE	16	1.5	1076	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=59

ROUTE TRANSFERRED FROM

FROMROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1068	.	.	.
57	37	48.1	37	48.1
59	8	10.4	45	58.4
70	8	10.4	53	68.8
71	24	31.2	77	100.0

ROUTE TRANSFERRED TO

TOROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	926	.	.	.
52	8	3.7	8	3.7
54	8	3.7	16	7.3
57	29	13.2	45	20.5
70	95	43.4	140	63.9
71	29	13.2	169	77.2
171	8	3.7	177	80.8
302	21	9.6	198	90.4
304	21	9.6	219	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	119	.	.	.
HB WORK	525	51.2	525	51.2
HB SCHOOL	77	7.5	602	58.7
HB SHOPPING	175	17.1	777	75.7
HB OTHER	90	8.8	867	84.5
NON HB	159	15.5	1026	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=59

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	61	.	.	.
ARLINGTON	16	1.5	16	1.5
BROCKLINE	79	7.3	95	8.8
CAMBRIDGE	82	7.6	177	16.3
NEEDHAM	42	3.9	219	20.2
NEWTON	558	51.5	777	71.7
WALTHAM	29	2.7	806	74.4
WATERTOWN	114	10.5	920	84.9
BACKBAY	21	1.9	941	86.8
FINANCIAL/RETAIL	37	3.4	978	90.2
GOVT CENTER	8	0.7	986	91.0
PRUDENTIAL	8	0.7	994	91.7
ALLSTON/BRIGHTON	53	4.9	1047	96.6
FENWY/PARKR HILL	37	3.4	1084	100.0

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	24	.	.	.
BROCKLINE	8	0.7	8	0.7
OTHER TOWNS	8	0.7	16	1.4
LYNN	8	0.7	24	2.1
NEEDHAM	357	31.8	381	34.0
NEWTON	629	56.1	1010	90.1
WATERTOWN	8	0.7	1018	90.8
GOVT CENTER	8	0.7	1026	91.5
NORTH END	8	0.7	1034	92.2
ALLSTON/BRIGHTON	21	1.9	1055	94.1
FENWY/PARKR HILL	58	5.2	1113	99.3
ROXBURY	8	0.7	1121	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=59

WEEKLY MBTA USE

TFREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	32	.	.	.
LESS THAN 1 DAY	82	7.4	82	7.4
1 DAY	21	1.9	103	9.3
2 DAYS	53	4.8	156	14.0
3 DAYS	156	14.0	312	28.0
4 DAYS	82	7.4	394	35.4
5 DAYS	460	41.3	854	76.7
6 DAYS	166	14.9	1020	91.6
7 DAYS	93	8.4	1113	100.0

RIDING BUS DUE TO COMM RAIL STRIKE

STRIKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO	1145	100.0	1145	100.0

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	48	.	.	.
17 OR UNDER	157	14.3	157	14.3
18 TO 24	275	25.1	432	39.4
25 TO 34	221	20.1	653	59.5
35 TO 44	124	11.3	777	70.8
45 TO 64	201	18.3	978	89.2
65 OR OLDER	119	10.8	1097	100.0

LICENSED DRIVER Y/N

DRIVLIC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	48	.	.	.
YES	607	55.3	607	55.3
NO	490	44.7	1097	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

META ROUTE NUMBER=59

AUTO AVAILABLE FOR THIS TRIP

CARAVAIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	48	.	.	.
YES	153	13.9	153	13.9
YES BUT W/ GREAT	29	2.6	182	16.6
NO	915	83.4	1097	100.0

INCOME CATEGORY

INCOME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	310	.	.	.
UNDER $5,000	45	5.4	45	5.4
$5,000-$9,999	140	16.8	185	22.2
$10,000-$14,999	150	18.0	335	40.1
$15,000-$19,999	135	16.2	470	56.3
$20,000-$29,999	185	22.2	655	78.4
$30,000-$39,999	66	7.9	721	86.3
$40,000-$49,999	45	5.4	766	91.7
$50,000 OR MORE	69	8.3	835	100.0

RELIABILITY OF SERVICE

RELIABIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	111	.	.	.
VERY POOR	24	2.3	24	2.3
POOR	121	11.7	145	14.0
AVERAGE	278	26.9	423	40.9
GOOD	246	23.8	669	64.7
EXCELLENT	365	35.3	1034	100.0

CLEANLINESS OF BUSES

CLEANLI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	85	.	.	.
VERY POOR	79	7.5	79	7.5
POOR	32	3.0	111	10.5
AVERAGE	420	39.6	531	50.1
GOOD	333	31.4	864	81.5
EXCELLENT	196	18.5	1060	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=59

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	101	.	.	.
VERY POOR	16	1.5	16	1.5
POOR	71	6.8	87	8.3
AVERAGE	404	38.7	491	47.0
GOOD	331	31.7	822	78.7
EXCELLENT	222	21.3	1044	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	101	.	.	.
VERY POOR	8	0.8	8	0.8
POOR	61	5.8	69	6.6
AVERAGE	211	20.2	280	26.8
GOOD	349	33.4	629	60.2
EXCELLENT	415	39.8	1044	100.0

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	93	.	.	.
VERY POOR	16	1.5	16	1.5
POOR	53	5.0	69	6.6
AVERAGE	372	35.4	441	41.9
GOOD	410	39.0	851	80.9
EXCELLENT	201	19.1	1052	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	101	.	.	.
VERY POOR	53	5.1	53	5.1
POOR	169	16.2	222	21.3
AVERAGE	243	23.3	465	44.5
GOOD	275	26.3	740	70.9
EXCELLENT	304	29.1	1044	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=59

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	159	.	.	.
VERY POOR	29	2.9	29	2.9
POOR	24	2.4	53	5.4
AVERAGE	201	20.4	254	25.8
GOOD	375	38.0	629	63.8
EXCELLENT	357	36.2	986	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	117	.	.	.
VERY POOR	198	19.3	198	19.3
POOR	166	16.1	364	35.4
AVERAGE	254	24.7	618	60.1
GOOD	209	20.3	827	80.4
EXCELLENT	201	19.6	1028	100.0

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	125	.	.	.
VERY POOR	37	3.6	37	3.6
AVERAGE	182	17.8	219	21.5
GOOD	423	41.5	642	62.9
EXCELLENT	378	37.1	1020	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=300

TYPE OF FARE PAID

FARE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
ADULT CASH FARE	510	31.0	510	31.0
ADULT MONTH PASS	760	46.2	1270	77.2
SENIOR CITIZEN	24	1.5	1294	78.7
HANDICAPPED	23	1.4	1317	80.1
OTHER	328	19.9	1645	100.0

TYPE OF PASS USED

PASS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	951	.	.	.
D	23	3.3	23	3.3
E	663	95.5	686	98.8
F	8	1.2	694	100.0

INNER AREA MODE TO OR FROM STOP

INMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	69	.	.	.
WALKED	1387	88.0	1387	88.0
RAIL TRANSIT	162	10.3	1549	98.3
PARK AND RIDE	4	0.3	1553	98.5
MISCODED	23	1.5	1576	100.0

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	77	.	.	.
WALKED	177	11.3	177	11.3
BUS TRANSFER	23	1.5	200	12.8
RAIL TRANSIT	54	3.4	254	16.2
PARK AND RIDE	1198	76.4	1452	92.6
KISS AND RIDE	116	7.4	1568	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=300

ROUTE TRANSFERRED FROM

FROMROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1645	.	.	.

ROUTE TRANSFERRED TO

TOROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1622	.	.	.
888	23	100.0	23	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	155	.	.	.
HB WORK	1378	92.5	1378	92.5
HB SCHOOL	4	0.3	1382	92.8
HB OTHER	23	1.5	1405	94.3
NON HB	85	5.7	1490	100.0

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	96	.	.	.
BOSTON IN GENRL.	47	3.0	47	3.0
CAMBRIDGE	27	1.7	74	4.8
MALDEN	4	0.3	78	5.0
FINANCIAL/RETAIL	1020	65.8	1098	70.8
GOVT CENTER	281	18.1	1379	88.9
NORTH END	8	0.5	1387	89.5
PARK SQUARE	100	6.5	1487	96.0
EAST BOSTON	4	0.3	1491	96.3
LOGAN AIRPORT	4	0.3	1495	96.5
NORTH DORCHESTER	4	0.3	1499	96.8
ROXBURY	23	1.5	1522	98.3
SOUTH DORCHESTER	27	1.7	1549	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=300

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	116	.	.	.
OTHER TOWNS	305	19.9	305	19.9
FRAMINGHAM	27	1.8	332	21.7
LEXINGTON	4	0.3	336	22.0
NATICK	73	4.8	409	26.7
NEEDHAM	27	1.8	436	28.5
NEWTON	335	21.9	771	50.4
SUDBURY	73	4.8	844	55.2
WALTHAM	112	7.3	956	62.5
WATERTOWN	4	0.3	960	62.8
WAYLAND	108	7.1	1068	69.8
WELLESLEY	275	18.0	1343	87.8
WESTON	182	11.9	1525	99.7
MISCODED	4	0.3	1529	100.0

WEEKLY MBTA USE

TFREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	35	.	.	.
LESS THAN 1 DAY	58	3.6	58	3.6
1 DAY	46	2.9	104	6.5
3 DAYS	67	4.2	171	10.6
4 DAYS	120	7.5	291	18.1
5 DAYS	1227	76.2	1518	94.3
6 DAYS	69	4.3	1587	98.6
7 DAYS	23	1.4	1610	100.0

RIDING BUS DUE TO COMM RAIL STRIKE

STRIKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	4	.	.	.
YES	23	1.4	23	1.4
NO	1618	98.6	1641	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=300

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	31	.	.	.
17 OR UNDER	50	3.1	50	3.1
18 TO 24	124	7.7	174	10.8
25 TO 34	671	41.6	845	52.4
35 TO 44	428	26.5	1273	78.9
45 TO 64	317	19.6	1590	98.5
65 OR OLDER	24	1.5	1614	100.0

LICENSED DRIVER Y/N

DRIVLIC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	31	.	.	.
YES	1460	90.5	1460	90.5
NO	154	9.5	1614	100.0

AUTO AVAILABLE FOR THIS TRIP

CARAVAIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	39	.	.	.
YES	1344	83.7	1344	83.7
YES BUT W/ GREAT	43	2.7	1387	86.4
NO	219	13.6	1606	100.0

INCOME CATEGORY

INCOME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	224	.	.	.
$5,000-$9,999	23	1.6	23	1.6
$10,000-$14,999	23	1.6	46	3.2
$15,000-$19,999	73	5.1	119	8.4
$20,000-$29,999	124	8.7	243	17.1
$30,000-$39,999	155	10.9	398	28.0
$40,000-$49,999	182	12.8	580	40.8
$50,000 OR MORE	841	59.2	1421	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=300

RELIABILITY OF SERVICE

RELIABIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	127	.	.	.
POOR	89	5.9	89	5.9
AVERAGE	360	23.7	449	29.6
GOOD	702	46.2	1151	75.8
EXCELLENT	367	24.2	1518	100.0

CLEANLINESS OF BUSES

CLEANLI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	154	.	.	.
VERY POOR	77	5.2	77	5.2
POOR	139	9.3	216	14.5
AVERAGE	691	46.3	907	60.8
GOOD	460	30.9	1367	91.7
EXCELLENT	124	8.3	1491	100.0

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	131	.	.	.
VERY POOR	85	5.6	85	5.6
POOR	259	17.1	344	22.7
AVERAGE	692	45.7	1036	68.4
GOOD	293	19.4	1329	87.8
EXCELLENT	185	12.2	1514	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	204	.	.	.
VERY POOR	131	9.1	131	9.1
POOR	244	16.9	375	26.0
AVERAGE	536	37.2	911	63.2
GOOD	375	26.0	1286	89.2
EXCELLENT	155	10.8	1441	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=300

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	150	.	.	.
VERY POOR	8	0.5	8	0.5
POOR	269	18.0	277	18.5
AVERAGE	735	49.2	1012	67.7
GOOD	352	23.5	1364	91.2
EXCELLENT	131	8.8	1495	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	131	.	.	.
VERY POOR	54	3.6	54	3.6
POOR	182	12.0	236	15.6
AVERAGE	405	26.8	641	42.3
GOOD	564	37.3	1205	79.6
EXCELLENT	309	20.4	1514	100.0

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	154	.	.	.
POOR	50	3.4	50	3.4
AVERAGE	366	24.5	416	27.9
GOOD	666	44.7	1082	72.6
EXCELLENT	409	27.4	1491	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	127	.	.	.
VERY POOR	23	1.5	23	1.5
POOR	155	10.2	178	11.7
AVERAGE	440	29.0	618	40.7
GOOD	499	32.9	1117	73.6
EXCELLENT	401	26.4	1518	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=300

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	127	.	.	.
POOR	23	1.5	23	1.5
AVERAGE	112	7.4	135	8.9
GOOD	495	32.6	630	41.5
EXCELLENT	888	58.5	1518	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=301

TYPE OF FARE PAID

FARE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	18	.	.	.
ADULT CASH FARE	618	27.5	618	27.5
ADULT MONTH PASS	1512	67.3	2130	94.8
SENIOR CITIZEN	58	2.6	2188	97.4
STUDENT PASS	40	1.8	2228	99.2
OTHER	18	0.8	2246	100.0

TYPE OF PASS USED

PASS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	874	.	.	.
A	36	2.6	36	2.6
C	1314	94.5	1350	97.1
D	40	2.9	1390	100.0

INNER AREA MODE TO OR FROM STOP

INMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	62	.	.	.
WALKED	2096	95.2	2096	95.2
RAIL TRANSIT	106	4.8	2202	100.0

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	30	.	.	.
WALKED	1938	86.8	1938	86.8
BUS TRANSFER	44	2.0	1982	88.7
PARK AND RIDE	230	10.3	2212	99.0
KISS AND RIDE	22	1.0	2234	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=301

ROUTE TRANSFERRED FROM

FROMROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2240	.	.	.
57	18	100.0	18	100.0

ROUTE TRANSFERRED TO

TOROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	2238	.	.	.
57	4	15.4	4	15.4
64	22	84.6	26	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	28	.	.	.
HB WORK	2046	91.5	2046	91.5
HB SCHOOL	98	4.4	2144	95.9
HB SHOPPING	26	1.2	2170	97.0
HB OTHER	18	0.8	2188	97.9
NON HB	48	2.1	2236	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=301

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	16	.	.	.
BOSTON IN GENRL.	82	3.6	82	3.6
CAMBRIDGE	18	0.8	100	4.4
QUINCY	22	1.0	122	5.4
BEACON HILL	26	1.2	148	6.6
FINANCIAL/RETAIL	1044	46.4	1192	53.0
GOVT CENTER	526	23.4	1718	76.4
PARK SQUARE	300	13.3	2018	89.8
SOUTH END	36	1.6	2054	91.4
WATERFRONT	80	3.6	2134	94.9
EAST BOSTON	4	0.2	2138	95.1
NORTH DORCHESTER	22	1.0	2160	96.1
SOUTH BOSTON	48	2.1	2208	98.2
SOUTH DORCHESTER	36	1.6	2244	99.8
MISCODED	4	0.2	2248	100.0

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	20	.	.	.
NEWTON	250	11.1	250	11.1
WATERTOWN	4	0.2	254	11.3
ALLSTON/BRIGHTON	1968	87.7	2222	99.0
CHARLESTOWN	4	0.2	2226	99.2
FENWY/PARKR HILL	18	0.8	2244	100.0

WEEKLY MBTA USE

TFREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	16	.	.	.
LESS THAN 1 DAY	30	1.3	30	1.3
1 DAY	18	0.8	48	2.1
2 DAYS	8	0.4	56	2.5
3 DAYS	66	2.9	122	5.4
4 DAYS	128	5.7	250	11.1
5 DAYS	1640	73.0	1890	84.1
6 DAYS	288	12.8	2178	96.9
7 DAYS	70	3.1	2248	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=301

RIDING BUS DUE TO COMM RAIL STRIKE

STRIKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
YES	4	0.2	4	0.2
NO	2260	99.8	2264	100.0

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	20	.	.	.
17 OR UNDER	36	1.6	36	1.6
18 TO 24	424	18.9	460	20.5
25 TO 34	1006	44.8	1466	65.3
35 TO 44	462	20.6	1928	85.9
45 TO 64	240	10.7	2168	96.6
65 OR OLDER	76	3.4	2244	100.0

LICENSED DRIVER Y/N

DRIVLIC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	16	.	.	.
YES	2118	94.2	2118	94.2
NO	130	5.8	2248	100.0

AUTO AVAILABLE FOR THIS TRIP

CARAVAIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	24	.	.	.
YES	1250	55.8	1250	55.8
YES BUT W/ GREAT	270	12.1	1520	67.9
NO	720	32.1	2240	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=301

INCOME CATEGORY

INCOME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	154	.	.	.
UNDER $5,000	18	0.9	18	0.9
$10,000-$14,999	82	3.9	100	4.7
$15,000-$19,999	456	21.6	556	26.4
$20,000-$29,999	658	31.2	1214	57.5
$30,000-$39,999	390	18.5	1604	76.0
$40,000-$49,999	158	7.5	1762	83.5
$50,000 OR MORE	348	16.5	2110	100.0

RELIABILITY OF SERVICE

RELIABIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	50	.	.	.
VERY POOR	108	4.9	109	4.9
POOR	134	6.1	242	10.9
AVERAGE	526	23.8	768	34.7
GOOD	766	34.6	1534	69.3
EXCELLENT	680	30.7	2214	100.0

CLEANLINESS OF BUSES

CLEANLI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	63	.	.	.
VERY POOR	84	3.8	84	3.8
POOR	278	12.7	362	16.5
AVERAGE	934	42.5	1296	59.0
GOOD	626	28.5	1922	87.5
EXCELLENT	274	12.5	2196	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=301

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	90	.	.	.
VERY POOR	102	4.7	102	4.7
POOR	492	22.6	594	27.3
AVERAGE	894	41.1	1488	68.4
GOOD	486	22.4	1974	90.8
EXCELLENT	200	9.2	2174	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	94	.	.	.
VERY POOR	292	13.5	292	13.5
POOR	468	21.6	760	35.0
AVERAGE	702	32.4	1462	67.4
GOOD	446	20.6	1908	87.9
EXCELLENT	262	12.1	2170	100.0

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	106	.	.	.
VERY POOR	62	2.9	62	2.9
POOR	286	13.3	348	16.1
AVERAGE	1018	47.2	1366	63.3
GOOD	546	25.3	1912	88.6
EXCELLENT	246	11.4	2158	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	68	.	.	.
VERY POOR	130	5.9	130	5.9
POOR	274	12.5	404	18.4
AVERAGE	516	23.5	920	41.9
GOOD	760	34.6	1680	76.5
EXCELLENT	516	23.5	2196	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=301

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	140	.	.	.
VERY POOR	44	2.1	44	2.1
POOR	88	4.1	132	6.2
AVERAGE	828	39.0	960	45.2
GOOD	734	34.6	1694	79.8
EXCELLENT	430	20.2	2124	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	130	.	.	.
VERY POOR	138	6.5	138	6.5
POOR	410	19.2	548	25.7
AVERAGE	478	22.4	1026	48.1
GOOD	674	31.6	1700	79.7
EXCELLENT	434	20.3	2134	100.0

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	104	.	.	.
VERY POOR	84	3.9	84	3.9
POOR	66	3.1	150	6.9
AVERAGE	246	11.4	396	18.3
GOOD	728	33.7	1124	52.0
EXCELLENT	1036	48.0	2160	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=302

TYPE OF FARE PAID

FARE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
ADULT CASH FARE	437	33.1	437	33.1
ADULT MONTH PASS	837	63.3	1274	96.4
SENIOR CITIZEN	26	2.0	1300	98.3
HANDICAPPED	13	1.0	1313	99.3
OTHER	9	0.7	1322	100.0

TYPE OF PASS USED

PASS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	578	.	.	.
A	4	0.5	4	0.5
C	672	90.3	676	90.9
D	34	4.6	710	95.4
E	26	3.5	736	98.9
F	8	1.1	744	100.0

INNER AREA MODE TO OR FROM STOP

INMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	35	.	.	.
WALKED	1090	84.7	1090	84.7
BUS TRANSFER	73	5.7	1163	90.4
RAIL TRANSIT	107	8.3	1270	98.7
PARK AND RIDE	13	1.0	1283	99.7
OTHER	4	0.3	1287	100.0

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	26	.	.	.
WALKED	805	62.1	805	62.1
BUS TRANSFER	296	22.8	1101	85.0
PARK AND RIDE	90	6.9	1191	91.9
KISS AND RIDE	96	7.4	1287	99.3
TAXI	9	0.7	1296	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=302

ROUTE TRANSFERRED FROM

FROMROUT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1062	.	.	.
39	34	13.1	34	13.1
53	4	1.5	38	14.6
54	44	16.9	82	31.5
56	4	1.5	86	33.1
57	18	6.9	104	40.0
59	18	6.9	122	46.9
70	30	11.5	152	58.5
71	81	31.2	233	89.6
304	9	3.5	242	93.1
888	18	6.9	260	100.0

ROUTE TRANSFERRED TO

TOROUT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1235	.	.	.
39	30	34.5	30	34.5
53	12	13.8	42	48.3
57	8	9.2	50	57.5
58	4	4.6	54	62.1
70	25	28.7	79	90.8
71	8	9.2	87	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	86	.	.	.
HB WORK	1082	87.5	1082	87.5
HB SCHOOL	21	1.7	1103	89.2
HB SHOPPING	28	2.3	1131	91.5
HB OTHER	42	3.4	1173	94.9
NON HB	63	5.1	1236	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

META ROUTE NUMBER=302

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	40	.	.	.
BOSTON IN GENRL.	118	9.2	118	9.2
BROOKLINE	22	1.7	140	10.9
CAMBRIDGE	4	0.3	144	11.2
MALDEN	4	0.3	148	11.5
OTHER TOWNS	4	0.3	152	11.9
WINTHROP	9	0.7	161	12.6
BACKBAY	445	34.7	606	47.3
BEACON HILL	18	1.4	624	48.7
FINANCIAL/RETAIL	17	1.3	641	50.0
GOVT CENTER	12	0.9	653	50.9
NORTH END	13	1.0	666	52.0
PARK SQUARE	83	6.5	749	58.4
PRUDENTIAL	408	31.8	1157	90.2
SOUTH END	35	2.7	1192	93.0
CHARLESTOWN	9	0.7	1201	93.7
FENWY/PARKR HILL	60	4.7	1261	98.4
JAMAICA PLAIN	21	1.6	1282	100.0

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	30	.	.	.
BELMONT	31	2.4	31	2.4
NATICK	9	0.7	40	3.1
NEWTON	484	37.5	524	40.6
WALTHAM	93	7.2	617	47.8
WATERTOWN	609	47.1	1226	94.9
BACKBAY	9	0.7	1235	95.6
BEACON HILL	4	0.3	1239	95.9
ALLSTON/BRIGHTON	35	2.7	1274	98.6
MISCODED	18	1.4	1292	100.0

MBTA ROUTE NUMBER=302

WEEKLY MBTA USE

TFREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	22	.	.	.
LESS THAN 1 DAY	60	4.6	60	4.6
1 DAY	12	0.9	72	5.5
2 DAYS	52	4.0	124	9.5
3 DAYS	26	2.0	150	11.5
4 DAYS	89	6.9	239	18.4
5 DAYS	834	64.2	1073	82.6
6 DAYS	154	11.8	1227	94.4
7 DAYS	73	5.6	1300	100.0

RIDING BUS DUE TO COMM RAIL STRIKE

STRIKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
YES	4	0.3	4	0.3
NO	1318	99.7	1322	100.0

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	39	.	.	.
17 OR UNDER	13	1.0	13	1.0
18 TO 24	311	24.2	324	25.3
25 TO 34	562	43.8	886	69.1
35 TO 44	146	11.4	1032	80.4
45 TO 64	225	17.5	1257	98.0
65 OR OLDER	26	2.0	1283	100.0

LICENSED DRIVER Y/N

DRIVLIC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	22	.	.	.
YES	1120	86.2	1120	86.2
NO	180	13.8	1300	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=302

AUTO AVAILABLE FOR THIS TRIP

CARAVAIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	44	.	.	.
YES	614	48.0	614	48.0
YES BUT W/ GREAT	105	8.2	719	56.3
NO	559	43.7	1278	100.0

INCOME CATEGORY

INCOME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	178	.	.	.
UNDER $5,000	4	0.3	4	0.3
$5,000-$9,999	26	2.3	30	2.6
$10,000-$14,999	108	9.4	138	12.1
$15,000-$19,999	177	15.5	315	27.5
$20,000-$29,999	315	27.5	630	55.1
$30,000-$39,999	227	19.9	857	74.9
$40,000-$49,999	76	6.6	933	81.5
$50,000 OR MORE	211	18.4	1144	100.0

RELIABILITY OF SERVICE

RELIABIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	73	.	.	.
VERY POOR	53	4.2	53	4.2
POOR	166	13.3	219	17.5
AVERAGE	304	24.3	523	41.9
GOOD	342	27.4	865	69.3
EXCELLENT	384	30.7	1249	100.0

CLEANLINESS OF BUSES

CLEANLI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	39	.	.	.
VERY POOR	44	3.4	44	3.4
POOR	66	5.1	110	8.6
AVERAGE	443	34.5	553	43.1
GOOD	498	38.9	1051	81.9
EXCELLENT	232	18.1	1283	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=302

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	57	.	.	.
VERY POOR	35	2.8	35	2.8
POOR	131	10.4	166	13.1
AVERAGE	595	47.0	761	60.2
GOOD	362	28.6	1123	88.8
EXCELLENT	142	11.2	1265	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	97	.	.	.
VERY POOR	164	13.4	164	13.4
POOR	220	18.0	384	31.3
AVERAGE	336	27.4	720	58.8
GOOD	225	18.4	945	77.1
EXCELLENT	280	22.9	1225	100.0

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	86	.	.	.
VERY POOR	35	2.8	35	2.8
POOR	120	9.7	155	12.5
AVERAGE	554	44.8	709	57.4
GOOD	352	28.5	1061	85.8
EXCELLENT	175	14.2	1236	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	52	.	.	.
VERY POOR	85	6.7	85	6.7
POOR	210	16.5	295	23.2
AVERAGE	323	25.4	618	48.7
GOOD	435	34.3	1053	82.9
EXCELLENT	217	17.1	1270	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=302

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	69	.	.	.
VERY POOR	40	3.2	40	3.2
POOR	70	5.6	110	8.8
AVERAGE	338	27.0	448	35.8
GOOD	401	32.0	849	67.8
EXCELLENT	404	32.2	1253	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	92	.	.	.
VERY POOR	204	16.6	204	16.6
POOR	225	18.3	429	34.9
AVERAGE	360	29.3	789	64.1
GOOD	248	20.2	1037	84.3
EXCELLENT	193	15.7	1230	100.0

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	74	.	.	.
VERY POOR	22	1.8	22	1.8
POOR	30	2.4	52	4.2
AVERAGE	127	10.2	179	14.3
GOOD	348	27.9	527	42.2
EXCELLENT	721	57.8	1248	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=304

TYPE OF FARE PAID

FARE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
ADULT CASH FARE	1319	34.3	1319	34.3
ADULT MONTH PASS	2309	60.1	3628	94.5
SENIOR CITIZEN	118	3.1	3746	97.6
HANDICAPPED	70	1.8	3816	99.4
STUDENT PASS	12	0.3	3828	99.7
OTHER	12	0.3	3840	100.0

TYPE OF PASS USED

PASS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	1731	.	.	.
C	1593	75.5	1593	75.5
D	351	16.6	1944	92.2
E	141	6.7	2085	98.9
F	12	0.6	2097	99.4
MISCODED	12	0.6	2109	100.0

INNER AREA MODE TO OR FROM STOP

INMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	35	.	.	.
WALKED	3486	91.6	3486	91.6
BUS TRANSFER	47	1.2	3533	92.9
RAIL TRANSIT	225	5.9	3758	98.8
KISS AND RIDE	35	0.9	3793	99.7
OTHER	12	0.3	3805	100.0

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	82	.	.	.
WALKED	1712	45.6	1712	45.6
BUS TRANSFER	848	22.6	2560	68.1
PARK AND RIDE	671	17.9	3231	86.0
KISS AND RIDE	480	12.8	3711	98.7
BICYCLE	35	0.9	3746	99.7
TAXI	12	0.3	3758	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=304

ROUTE TRANSFERRED FROM

FROMROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3232	.	.	.
16	35	5.8	35	5.8
52	35	5.8	70	11.5
53	210	34.5	280	46.1
54	245	40.3	525	86.3
56	24	3.9	549	90.3
57	12	2.0	561	92.3
59	12	2.0	573	94.2
888	35	5.8	608	100.0

ROUTE TRANSFERRED TO

TOROOT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	3530	.	.	.
43	12	3.9	12	3.9
52	24	7.7	36	11.6
53	71	22.9	107	34.5
54	59	19.0	166	53.5
56	24	7.7	190	61.3
57	12	3.9	202	65.2
58	24	7.7	226	72.9
59	12	3.9	238	76.8
70	36	11.6	274	88.4
71	36	11.6	310	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	177	.	.	.
HB WORK	3271	89.3	3271	89.3
HB SCHOOL	12	0.3	3283	89.6
HB SHOPPING	60	1.6	3343	91.3
HB OTHER	141	3.8	3484	95.1
NON HB	179	4.9	3663	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=304

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	71	.	.	.
BOSTON IN GENRL.	83	2.2	83	2.2
CAMBRIDGE	12	0.3	95	2.5
EVERETT	35	0.9	130	3.4
OTHER TOWNS	47	1.2	177	4.7
MEDFORD	24	0.6	201	5.3
WATERTOWN	12	0.3	213	5.7
BEACON HILL	177	4.7	390	10.3
FINANCIAL/RETAIL	2203	58.5	2593	68.9
GOVT CENTER	482	12.8	3075	81.6
NORTH END	59	1.6	3134	83.2
PARK SQUARE	363	9.6	3497	92.9
SOUTH END	24	0.6	3521	93.4
WATERFRONT	130	3.4	3651	96.9
EAST BOSTON	12	0.3	3663	97.2
LOGAN AIRPORT	12	0.3	3675	97.5
ROXBURY	12	0.3	3687	97.8
SOUTH BOSTON	12	0.3	3699	98.1
SOUTH DORCHESTER	35	0.9	3734	99.1
MISCODED	35	0.9	3769	100.0

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	71	.	.	.
BELMONT	12	0.3	12	0.3
OTHER TOWNS	47	1.2	59	1.6
FRAMINGHAM	70	1.9	129	3.4
NEWTON	2889	76.7	3018	80.1
WALTHAM	94	2.5	3112	82.6
WATERTOWN	503	13.3	3615	95.9
WELLESLEY	35	0.9	3650	96.8
FINANCIAL/RETAIL	12	0.3	3662	97.2
ALLSTON/BRIGHTON	95	2.5	3757	99.7
MISCODED	12	0.3	3769	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=304

WEEKLY MBTA USE

TFREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	12	.	.	.
LESS THAN 1 DAY	143	3.7	143	3.7
1 DAY	35	0.9	178	4.6
2 DAYS	141	3.7	319	8.3
3 DAYS	237	6.2	556	14.5
4 DAYS	142	3.7	698	18.2
5 DAYS	2918	76.2	3616	94.5
6 DAYS	141	3.7	3757	98.1
7 DAYS	71	1.9	3828	100.0

RIDING BUS DUE TO COMM RAIL STRIKE

STRIKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
YES	24	0.6	24	0.6
NO	3816	99.4	3840	100.0

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	36	.	.	.
17 OR UNDER	24	0.6	24	0.6
18 TO 24	542	14.2	566	14.9
25 TO 34	1391	36.6	1957	51.4
35 TO 44	1082	28.4	3039	79.9
45 TO 64	623	16.4	3662	96.3
65 OR OLDER	142	3.7	3804	100.0

LICENSED DRIVER Y/N

DRIVLIC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	24	.	.	.
YES	3567	93.5	3567	93.5
NO	249	6.5	3816	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=304

AUTO AVAILABLE FOR THIS TRIP

CARAVAIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	48	.	.	.
YES	2718	71.7	2718	71.7
YES BUT W/ GREAT	307	8.1	3025	79.8
NO	767	20.2	3792	100.0

INCOME CATEGORY

INCOME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	237	.	.	.
UNDER $5,000	36	1.0	36	1.0
$5,000-$9,999	12	0.3	48	1.3
$10,000-$14,999	143	4.0	191	5.3
$15,000-$19,999	470	13.0	661	18.3
$20,000-$29,999	777	21.6	1438	39.9
$30,000-$39,999	450	12.5	1888	52.4
$40,000-$49,999	400	11.1	2288	63.5
$50,000 OR MORE	1315	36.5	3603	100.0

RELIABILITY OF SERVICE

RELIABIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	191	.	.	.
VERY POOR	24	0.7	24	0.7
POOR	199	5.5	223	6.1
AVERAGE	661	18.1	884	24.2
GOOD	1520	41.7	2404	65.9
EXCELLENT	1245	34.1	3649	100.0

CLEANLINESS OF BUSES

CLEANLI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	120	.	.	.
VERY POOR	59	1.6	59	1.6
POOR	377	10.1	436	11.7
AVERAGE	1365	36.7	1801	48.4
GOOD	1191	32.0	2992	80.4
EXCELLENT	728	19.6	3720	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

META ROUTE NUMBER=304

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	190	.	.	.
VERY POOR	83	2.3	83	2.3
POOR	576	15.8	659	18.1
AVERAGE	1709	46.8	2368	64.9
GOOD	836	22.9	3204	87.8
EXCELLENT	446	12.2	3650	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	226	.	.	.
VERY POOR	586	16.2	586	16.2
POOR	1024	28.3	1610	44.5
AVERAGE	875	24.2	2485	68.8
GOOD	670	18.5	3155	87.3
EXCELLENT	459	12.7	3614	100.0

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	214	.	.	.
VERY POOR	12	0.3	12	0.3
POOR	248	6.8	260	7.2
AVERAGE	1683	46.4	1943	53.6
GOOD	1108	30.6	3051	84.1
EXCELLENT	575	15.9	3626	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	155	.	.	.
VERY POOR	71	1.9	71	1.9
POOR	354	9.6	425	11.5
AVERAGE	1153	31.3	1578	42.8
GOOD	1354	36.7	2932	79.6
EXCELLENT	753	20.4	3685	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=304

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	178	.	.	.
VERY POOR	94	2.6	94	2.6
POOR	401	11.0	495	13.5
AVERAGE	1189	32.5	1684	46.0
GOOD	1483	40.5	3167	86.5
EXCELLENT	495	13.5	3662	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	262	.	.	.
VERY POOR	82	2.3	82	2.3
POOR	353	9.9	435	12.2
AVERAGE	1023	28.6	1458	40.7
GOOD	1368	38.2	2826	79.0
EXCELLENT	752	21.0	3578	100.0

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	201	.	.	.
POOR	119	3.3	119	3.3
AVERAGE	459	12.6	578	15.9
GOOD	1274	35.0	1852	50.9
EXCELLENT	1787	49.1	3639	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=305

TYPE OF FARE PAID

FARE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	12	.	.	.
ADULT CASH FARE	360	26.6	360	26.6
ADULT MONTH PASS	832	61.5	1192	88.2
SENIOR CITIZEN	46	3.4	1238	91.6
HANDICAPPED	28	2.1	1266	93.6
STUDENT PASS	4	0.3	1270	93.9
OTHER	82	6.1	1352	100.0

TYPE OF PASS USED

PASS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	614	.	.	.
A	12	1.6	12	1.6
C	6	0.8	18	2.4
E	722	96.3	740	98.7
F	10	1.3	750	100.0

INNER AREA MODE TO OR FROM STOP

INMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	6	.	.	.
WALKED	1140	83.9	1140	83.9
BUS TRANSFER	18	1.3	1158	85.3
RAIL TRANSIT	176	13.0	1334	98.2
PARK AND RIDE	12	0.9	1346	99.1
KISS AND RIDE	12	0.9	1358	100.0

OUTER AREA MODE TO OR FROM STOP

OUTMODE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	16	.	.	.
WALKED	786	58.3	786	58.3
BUS TRANSFER	52	3.9	838	62.2
RAIL TRANSIT	6	0.4	844	62.6
PARK AND RIDE	436	32.3	1280	95.0
KISS AND RIDE	64	4.7	1344	99.7
TAXI	4	0.3	1348	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

META ROUTE NUMBER=305

ROUTE TRANSFERRED FROM

FROMROUT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1340	.	.	.
56	6	25.0	6	25.0
61	12	50.0	18	75.0
70	6	25.0	24	100.0

ROUTE TRANSFERRED TO

TOROUT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
.	1312	.	.	.
49	6	11.5	6	11.5
61	24	46.2	30	57.7
70	4	7.7	34	65.4
304	6	11.5	40	76.9
305	6	11.5	46	88.5
888	6	11.5	52	100.0

TRIP PURPOSE

TRIPPURP	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	64	.	.	.
HB WORK	1202	92.5	1202	92.5
HB SCHOOL	16	1.2	1218	93.7
HB SHOPPING	24	1.8	1242	95.5
HB OTHER	12	0.9	1254	96.5
NON HB	46	3.5	1300	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=305

TOWN OR CITY AT INNER END OF TRIP

INTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	24	.	.	.
BOSTON IN GENRL.	36	2.7	36	2.7
BROCKLINE	10	0.7	46	3.4
CAMBRIDGE	28	2.1	74	5.5
NEWTON	18	1.3	92	6.9
QUINCY	18	1.3	110	8.2
REVERE	4	0.3	114	8.5
OTHER TOWNS	4	0.3	118	8.8
BACKBAY	18	1.3	136	10.1
BEACON HILL	26	1.9	162	12.1
FINANCIAL/RETAIL	704	52.5	866	64.6
GOVT CENTER	200	14.9	1066	79.6
NORTH END	18	1.3	1084	80.9
PARK SQUARE	94	7.0	1178	87.9
SOUTH END	12	0.9	1190	88.8
WATERFRONT	64	4.8	1254	93.6
CHARLESTOWN	6	0.4	1260	94.0
FENWY/PARKR HILL	10	0.7	1270	94.8
JAMAICA PLAIN	6	0.4	1276	95.2
MATTAPAN	6	0.4	1282	95.7
NORTH DORCHESTER	28	2.1	1310	97.8
ROXBURY	18	1.3	1328	99.1
SOUTH BOSTON	6	0.4	1334	99.6
SOUTH DORCHESTER	6	0.4	1340	100.0

TOWN OR CITY AT OUTER END OF TRIP

OUTTOWN	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	40	.	.	.
CONCORD	6	0.5	6	0.5
OTHER TOWNS	28	2.1	34	2.6
NEEDHAM	6	0.5	40	3.0
NEWTON	602	45.5	642	48.5
SOMERVILLE	6	0.5	648	48.9
WALTHAM	606	45.8	1254	94.7
WAYLAND	12	0.9	1266	95.6
WELLESLEY	24	1.8	1290	97.4
WESTON	28	2.1	1318	99.5
FINANCIAL/RETAIL	6	0.5	1324	100.0

MBTA ROUTE NUMBER=305

WEEKLY MBTA USE

TFREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	10	.	.	.
LESS THAN 1 DAY	12	0.9	12	0.9
1 DAY	18	1.3	30	2.2
2 DAYS	6	0.4	36	2.7
3 DAYS	54	4.0	90	6.6
4 DAYS	88	6.5	178	13.1
5 DAYS	1076	79.5	1254	92.6
6 DAYS	60	4.4	1314	97.0
7 DAYS	40	3.0	1354	100.0

RIDING BUS DUE TO COMM RAIL STRIKE

STRIKE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
YES	24	1.8	24	1.8
NO	1340	98.2	1364	100.0

AGE OF RESPONDENT

AGE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	12	.	.	.
17 OR UNDER	4	0.3	4	0.3
18 TO 24	228	16.9	232	17.2
25 TO 34	536	39.6	768	56.8
35 TO 44	278	20.6	1046	77.4
45 TO 64	250	18.5	1296	95.9
65 OR OLDER	56	4.1	1352	100.0

LICENSED DRIVER Y/N

DRIVLIC	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	14	.	.	.
YES	1188	88.0	1188	88.0
NO	162	12.0	1350	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=305

AUTO AVAILABLE FOR THIS TRIP

CARAVAIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	14	.	.	.
YES	856	63.4	856	63.4
YES BUT W/ GREAT	118	8.7	974	72.1
NO	376	27.9	1350	100.0

INCOME CATEGORY

INCOME	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	108	.	.	.
UNDER $5,000	10	0.8	10	0.8
$5,000-$9,999	22	1.8	32	2.5
$10,000-$14,999	94	7.5	126	10.0
$15,000-$19,999	172	13.7	298	23.7
$20,000-$29,999	306	24.4	604	48.1
$30,000-$39,999	192	15.3	796	63.4
$40,000-$49,999	148	11.8	944	75.2
$50,000 OR MORE	312	24.8	1256	100.0

RELIABILITY OF SERVICE

RELIABIL	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	45	.	.	.
VERY POOR	60	4.6	60	4.6
POOR	168	12.7	228	17.3
AVERAGE	254	19.3	482	36.6
GOOD	408	31.0	890	67.5
EXCELLENT	428	32.5	1318	100.0

CLEANLINESS OF BUSES

CLEANLI	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	46	.	.	.
VERY POOR	58	4.4	58	4.4
POOR	150	11.4	208	15.8
AVERAGE	402	30.5	610	46.3
GOOD	450	34.1	1060	80.4
EXCELLENT	258	19.6	1318	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MLTA ROUTE NUMBER=305

COMFORT OF BUS RIDE

COMFORT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	66	.	.	.
VERY POOR	118	9.1	118	9.1
POOR	254	19.6	372	28.7
AVERAGE	498	38.4	870	67.0
GOOD	242	18.6	1112	85.7
EXCELLENT	186	14.3	1298	100.0

ADEQUATE SEATING ON THE BUS

SEATING	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	80	.	.	.
VERY POOR	424	33.0	424	33.0
POOR	216	16.8	640	49.8
AVERAGE	274	21.3	914	71.2
GOOD	192	15.0	1106	86.1
EXCELLENT	178	13.9	1284	100.0

APPEARANCE OF THE BUS

APPEAR	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	68	.	.	.
VERY POOR	60	4.6	60	4.6
POOR	164	12.7	224	17.3
AVERAGE	486	37.5	710	54.8
GOOD	374	28.9	1084	83.6
EXCELLENT	212	16.4	1296	100.0

BUSES COME ON SCHEDULE

SCHEDULE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	62	.	.	.
VERY POOR	100	7.7	100	7.7
POOR	210	16.1	310	23.8
AVERAGE	304	23.3	614	47.2
GOOD	376	28.9	990	76.0
EXCELLENT	312	24.0	1302	100.0

WEIGHTED WEEKDAY SURVEY RESPONSES BY ROUTE

MBTA ROUTE NUMBER=305

COURTESY OF THE DRIVERS

DRIVERS	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	72	.	.	.
VERY POOR	12	0.9	12	0.9
POOR	84	6.5	96	7.4
AVERAGE	342	26.5	438	33.9
GOOD	446	34.5	884	68.4
EXCELLENT	408	31.6	1292	100.0

FREQUENCY OF SERVICE

FREQ	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	74	.	.	.
VERY POOR	112	8.7	112	8.7
POOR	230	17.8	342	26.5
AVERAGE	372	28.8	714	55.3
GOOD	328	25.4	1042	80.8
EXCELLENT	248	19.2	1290	100.0

DIRECTNESS OF SERVICE

DIRECT	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
NO ANSWER	64	.	.	.
VERY POOR	16	1.2	16	1.2
POOR	66	5.1	82	6.3
AVERAGE	242	18.6	324	24.9
GOOD	350	26.9	674	51.8
EXCELLENT	626	48.2	1300	100.0

Survey Form

№ 2840

Passenger Survey/West Corridor Bus Study

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY

This survey is being done to help find out how bus service in this area should be improved. Please answer as many questions as you can.

When you complete the questionnaire, please hand it to the survey attendant on the bus or mail it. We will pay postage. Thank you.

Fill in the route number and route name of t

No. 2840

Passenger Survey/West Corridor Bus Study

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY

This survey is being done to help find out how bus service in this area should be improved. Please answer as many questions as you can.

When you complete the questionnaire, please hand it to the survey attendant on the bus or mail it. We will pay postage. Thank you.

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1. Please fill in the route number and route name of the bus you are riding on.

   route number: ☐☐☐ (5) ☐ (8)

   route name: _____ ☐ (9)

2. Approximately what time did you get on this bus?

   ☐☐:☐☐ (10) -1 ☐ a.m. -2 ☐ p.m. (14)

3. How did you pay your fare when you got on this bus?

   15-1 ☐ adult cash fare (or token)
   -2 ☐ adult monthly pass (circle one: A C D E F)
   -3 ☐ senior citizen fare
   -4 ☐ handicapped reduced fare
   -5 ☐ child/student cash fare
   -6 ☐ student pass
   -7 ☐ other_____

   ☐ (16)

4. Please answer the following questions for your trip on <u>this bus</u> (even if this bus ride is only part of your entire trip).

   a. Where did you get on <u>this</u> bus?

   ☐☐☐☐ (17)

   _____
   (nearest street intersection or other landmark)

   b. How did you get to the bus stop?

   22-1 ☐ walked directly (from home, work, school, etc.)
   -2 ☐ transferred from another bus

   which route? 23 ☐☐ _____

   -3 ☐ transferred from Red, Green, Blue or Orange Line
   -4 ☐ drove or rode and parked near bus stop
   -5 ☐ was dropped off
   -6 ☐ bicycle/moped
   -7 ☐ taxi
   -8 ☐ transferred from commuter rail
   -9 ☐ other_____

   c. Where will you get off <u>this</u> bus?

   ☐☐☐☐ (26)

   _____
   (nearest street intersection or other landmark)

d. What will you do when you leave this bus?

31-1 ☐ walk to my final destination
-2 ☐ transfer to another bus

which route? 32 ☐☐☐ _____

-3 ☐ transfer to the Red, Green, Blue or Orange Line
-4 ☐ drive or ride in car parked near bus stop
-5 ☐ will be picked up by someone
-6 ☐ bicycle/moped
-7 ☐ taxi
-8 ☐ transfer to commuter rail
-9 ☐ other_____

5. Please answer the following questions for the entire one-way trip you are now making (not just the bus portion).

a. Where did you begin this trip?

35-1 ☐ my workplace
-2 ☐ my home
-3 ☐ my school
-4 ☐ a store or shopping area
-5 ☐ other_____

b. Where is that located?

_____ 36 ☐☐☐
(city, town or neighborhood)

_____ ☐☐☐☐
(nearest street intersection or other landmark) 39

c. Where will this end?

44-1 ☐ my workplace
-2 ☐ my home
-3 ☐ my school
-4 ☐ a store or shopping area
-5 ☐ other_____

d. Where is that located?

_____ 45 ☐☐☐
(city, town or neighborhood)

_____ ☐☐☐☐
(nearest street intersection or other landmark) 48

6. How many days a week do you usually ride on the MBTA?

53-1 ☐ less than one
-2 ☐ 1 day
-3 ☐ 2 days
-4 ☐ 3 days
-5 ☐ 4 days
-6 ☐ 5 days
-7 ☐ 6 days
-8 ☐ 7 days

7. Are you riding this bus today as a result of the commuter rail strike?

54-1 ☐ yes
-2 ☐ no

8. What is your age?

55-1 ☐ 17 or under
-2 ☐ 18-24
-3 ☐ 25-34
-5 ☐ 35-44
-6 ☐ 45-64
-7 ☐ 65 or older

9. Do you have a driver's license?

56-1 ☐ yes
-2 ☐ no

10. Did you have an automobile available for this trip?

57-1 ☐ yes
-2 ☐ yes, but with much inconvenience to others
-3 ☐ no

11. What is your home zip code? _____ 58

What is your work (school) zip code? _____ 63

12. What is your annual family income?

68-1 ☐ under $5,000
-2 ☐ $5,000-$9,999
-3 ☐ $10,000-$14,999
-4 ☐ $15,000-$19,999
-5 ☐ $20,000-$29,999
-6 ☐ $30,000-$39,999
-7 ☐ $40,000-$49,999
-8 ☐ $50,000 or more

13. On the left, below, are listed several different measures of bus service quality. Please circle a number after each measure to indicate how you feel about service on THIS BUS ROUTE.

	very poor		average		unusually good	
Reliability (I can count on getting there on time)	1	2	3	4	5	69
Cleanliness of the buses	1	2	3	4	5	70
Comfort of the ride	1	2	3	4	5	71
Adequate seating on board	1	2	3	4	5	72
Appearance of the buses	1	2	3	4	5	73
Buses come on schedule	1	2	3	4	5	74
Courtesy of drivers	1	2	3	4	5	75
Frequency of service	1	2	3	4	5	76
Directness of route	1	2	3	4	5	77

Thank you for completing this survey. Please write any comments/suggestions in the space below.

78 ☐☐
80 ☐☐
82 ☐☐

NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY MAIL
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Postage will be paid by addressee

Central Transportation Planning Staff
Suite 2150
10 Park Plaza
Boston, MA 02116

E Schedule Statistics

Appendix E summarizes schedule and running time data for the WESTBus routes. This information includes:

1. Weekday Schedule Statistics Summary of running time statistics by route and by MBTA book time period. Includes comparisons of scheduled and observed running times, and scheduled and observed recovery times.

2. Comparison of Observed Running Times to MBTA Book Times Bar chart comparison of observed trip times versus MBTA book times. Data includes all observed trips, by route variation and direction. (Weekdays only.)

3. Description of Time Points Used in Calculation of Running Time Statistics Listing and description of time points used to define route segments and at which running time information was collected, for each route in the WESTBus Corridor. Time points where chosen so that the resulting segments would be either identical to those currently used by the MBTA, or a subset of those currently used by the MBTA. In addition, time points were also chosen so that common segments on different routes would be defined identically. (Applies to both weekdays and Saturdays.)

4. Current MBTA Book Times Compared to Estimated Book Times As described in (3.) above, the WESTBus Study split some routes into smaller segments than those used by the MBTA for scheduling purposes. This information reconciles those differences and provides *estimated* book times for WESTBus route segments that correspond to MBTA book time segments. Where WESTBus segments are the same as those now used by the MBTA, estimated book times are the same as those now used by the MBTA. In cases where the WESTBus segment is a subset of an MBTA segment, book times were divided between "sub"-segments based upon the percentage of mileage in each. (Applies to both weekdays and Saturdays.)

5. Vehicle Trip Time Summaries Summary of observed trip times by route segment and by time period, in terms of mean running times and the standard deviation from the mean. Information is included for each route (and variation) by route segment and for the route as a whole, by direction. (Weekdays and Saturdays.)

6. Assumed Schedules Used in Chapters 12 and 13 to Coordinate Service at Waltham Center, Watertown Square and Newton Corner To determine the feasibility of coordination service at these three locations, "typical" schedules for Routes 53, 54, 56, 58, 302, 304.0, 304.1, and 305 were created. These schedules are also the basis of the cost and vehicle requirement data in these chapters.

Weekday Schedule Statistics

WESTBus
Schedule Statistics - Weekdays

	ALL DAY
Route 52.0	
Inbound (Length = 9.90 miles)	
Scheduled Run Time (min)	32
Observed Run Time (min)	33
STD of Obs Run Times (min)	3.7
Scheduled Speed (MPH)	18.6
Observed Speed (MPH)	18.0
Outbound (Length = 9.75 miles)	
Scheduled Run Time (min)	32
Observed Run Time (min)	33
STD of Obs Run Times (min)	5.0
Scheduled Speed (MPH)	18.3
Observed Speed (MPH)	17.7
Round Trip (Length = 19.65 miles)	
Scheduled Cycle Time (min)	90
Sched RT Run Time (min)	64
Obs RT Run Time (min)	66
Sch Cycle/Run Time	1.41
Obs Cycle/Run Time	1.36
Scheduled Recovery Time	26
Observed Recovery Time	24
STD * 1.5 (min)	13
Route 52.1	
Inbound (Length = 10.35 miles)	
Scheduled Run Time (min)	37
Observed Run Time (min)	35
STD of Obs Run Times (min)	3.7
Scheduled Speed (MPH)	16.8
Observed Speed (MPH)	17.7
Outbound (Length = 10.50 miles)	
Scheduled Run Time (min)	37
Observed Run Time (min)	35
STD of Obs Run Times (min)	2.9
Scheduled Speed (MPH)	17.0
Observed Speed (MPH)	18.0
Round Trip (Length = 13.70 miles)	
Scheduled Cycle Time (min)	90
Sched RT Run Time (min)	74
Obs RT Run Time (min)	70
Sch Cycle/Run Time	1.22
Obs Cycle/Run Time	1.29
Scheduled Recovery Time	16
Observed Recovery Time	20
STD * 1.5 (min)	10

	ALL DAY
Route 52.3	
Inbound (Length = 9.45 miles)	
Scheduled Run Time (min)	29
Observed Run Time (min)	35
STD of Obs Run Times (min)	2.0
Scheduled Speed (MPH)	19.6
Observed Speed (MPH)	16.2
Outbound (Length = 8.80 miles)	
Scheduled Run Time (min)	29
Observed Run Time (min)	33
STD of Obs Run Times (min)	13.4
Scheduled Speed (MPH)	18.2
Observed Speed (MPH)	16.0
Round Trip (Length = 18.25 miles)	
Scheduled Cycle Time (min)	90
Sched RT Run Time (min)	58
Obs RT Run Time (min)	68
Sch Cycle/Run Time	1.55
Obs Cycle/Run Time	1.32
Scheduled Recovery Time	32
Observed Recovery Time	22
STD * 1.5 (min)	23
Route 52.4	
Inbound (Length = 0.00 miles)	
Scheduled Run Time (min)	--
Observed Run Time (min)	--
STD of Obs Run Times (min)	--
Scheduled Speed (MPH)	--
Observed Speed (MPH)	--
Outbound (Length = 9.40 miles)	
Scheduled Run Time (min)	30
Observed Run Time (min)	31
STD of Obs Run Times (min)	0.0
Scheduled Speed (MPH)	18.8
Observed Speed (MPH)	18.2
Round Trip (Length = 9.40 miles)	
Scheduled Cycle Time (min)	NA
Sched RT Run Time (min)	NA
Obs RT Run Time (min)	NA
Sch Cycle/Run Time	NA
Obs Cycle/Run Time	NA
Scheduled Recovery Time	NA
Observed Recovery Time	NA
STD * 1.5 (min)	NA

	ALL DAY
Route 52.5	
Inbound (Length = 10.45 miles)	
Scheduled Run Time (min)	35
Observed Run Time (min)	41
STD of Obs Run Times (min)	2.1
Scheduled Speed (MPH)	17.9
Observed Speed (MPH)	15.3
Outbound (Length = 0.00 miles)	
Scheduled Run Time (min)	--
Observed Run Time (min)	--
STD of Obs Run Times (min)	--
Scheduled Speed (MPH)	--
Observed Speed (MPH)	--
Round Trip (Length = 10.45 miles)	
Scheduled Cycle Time (min)	NA
Sched RT Run Time (min)	NA
Obs RT Run Time (min)	NA
Sch Cycle/Run Time	NA
Obs Cycle/Run Time	NA
Scheduled Recovery Time	NA
Observed Recovery Time	NA
STD * 1.5 (min)	NA
Route 52.6	
Inbound (Length = 10.85 miles)	
Scheduled Run Time (min)	34
Observed Run Time (min)	36
STD of Obs Run Times (min)	3.5
Scheduled Speed (MPH)	19.1
Observed Speed (MPH)	18.1
Outbound (Length = 10.25 miles)	
Scheduled Run Time (min)	34
Observed Run Time (min)	28
STD of Obs Run Times (min)	2.6
Scheduled Speed (MPH)	18.1
Observed Speed (MPH)	22.0
Round Trip (Length = 21.10	
Scheduled Cycle Time (min)	90
Sched RT Run Time (min)	68
Obs RT Run Time (min)	64
Sch Cycle/Run Time	1.32
Obs Cycle/Run Time	1.41
Scheduled Recovery Time	22
Observed Recovery Time	26
STD * 1.5 (min)	9

	ALL DAY
Route 52.7	
Inbound (Length = 11.30 miles)	
Scheduled Run Time (min)	39
Observed Run Time (min)	36
STD of Obs Run Times (min)	2.9
Scheduled Speed (MPH)	17.4
Observed Speed (MPH)	18.8
Outbound (Length = 11.45 miles)	
Scheduled Run Time (min)	39
Observed Run Time (min)	37
STD of Obs Run Times (min)	3.4
Scheduled Speed (MPH)	17.6
Observed Speed (MPH)	18.6
Round Trip (Length = 22.75 miles)	
Scheduled Cycle Time (min)	90
Sched RT Run Time (min)	35
Obs RT Run Time (min)	73
Sch Cycle/Run Time	2.57
Obs Cycle/Run Time	1.23
Scheduled Recovery Time	55
Observed Recovery Time	17
STD * 1.5 (min)	9
Route 53	
Inbound (Length = 7.85 miles)	
Scheduled Run Time (min)	31
Observed Run Time (min)	32
STD of Obs Run Times (min)	4.4
Scheduled Speed (MPH)	15.2
Observed Speed (MPH)	14.7
Outbound (Length = 7.45 miles)	
Scheduled Run Time (min)	28
Observed Run Time (min)	31
STD of Obs Run Times (min)	5.3
Scheduled Speed (MPH)	16.0
Observed Speed (MPH)	14.4
Round Trip (Length = 15.30 miles)	
Scheduled Cycle Time (min)	78
Sched RT Run Time (min)	59
Obs RT Run Time (min)	63
Sch Cycle/Run Time	1.32
Obs Cycle/Run Time	1.24
Scheduled Recovery Time	19
Observed Recovery Time	15
STD * 1.5 (min)	15

	ALL DAY
Route 54	
Inbound (Length = 8.80 miles)	
Scheduled Run Time (min)	36
Observed Run Time (min)	33
STD of Obs Run Times (min)	3.9
Scheduled Speed (MPH)	14.7
Observed Speed (MPH)	16.0
Outbound (Length = 8.20 miles)	
Scheduled Run Time (min)	35
Observed Run Time (min)	30
STD of Obs Run Times (min)	4.2
Scheduled Speed (MPH)	14.1
Observed Speed (MPH)	16.4
Round Trip (Length = 17.00 miles)	
Scheduled Cycle Time (min)	79
Sched RT Run Time (min)	71
Obs RT Run Time (min)	63
Sch Cycle/Run Time	1.11
Obs Cycle/Run Time	1.25
Scheduled Recovery Time	8
Observed Recovery Time	16
STD * 1.5 (min)	12
Route 56.0	
Inbound (Length = 5.50 miles)	
Scheduled Run Time (min)	27
Observed Run Time (min)	24
STD of Obs Run Times (min)	4.0
Scheduled Speed (MPH)	12.2
Observed Speed (MPH)	13.8
Outbound (Length = 5.45 miles)	
Scheduled Run Time (min)	27
Observed Run Time (min)	24
STD of Obs Run Times (min)	2.6
Scheduled Speed (MPH)	12.1
Observed Speed (MPH)	13.6
Round Trip (Length = 10.95	
Scheduled Cycle Time (min)	60
Sched RT Run Time (min)	54
Obs RT Run Time (min)	48
Sch Cycle/Run Time	1.11
Obs Cycle/Run Time	1.25
Scheduled Recovery Time	6
Observed Recovery Time	12
STD * 1.5 (min)	10

	ALL DAY
Route 56.1	
Inbound (Length = 5.60 miles)	
Scheduled Run Time (min)	29
Observed Run Time (min)	26
STD of Obs Run Times (min)	1.4
Scheduled Speed (MPH)	11.6
Observed Speed (MPH)	12.9
Outbound (Length = 5.20 miles)	
Scheduled Run Time (min)	27
Observed Run Time (min)	27
STD of Obs Run Times (min)	--
Scheduled Speed (MPH)	11.6
Observed Speed (MPH)	11.6
Round Trip (Length = 10.80 miles)	
Scheduled Cycle Time (min)	60
Sched RT Run Time (min)	56
Obs RT Run Time (min)	53
Sch Cycle/Run Time	1.07
Obs Cycle/Run Time	1.13
Scheduled Recovery Time	4
Observed Recovery Time	7
STD * 1.5 (min)	--
Route 58	
Inbound (Length = 6.75 miles)	
Scheduled Run Time (min)	28
Observed Run Time (min)	29
STD of Obs Run Times (min)	4.3
Scheduled Speed (MPH)	14.5
Observed Speed (MPH)	14.0
Outbound (Length = 6.65 miles)	
Scheduled Run Time (min)	27
Observed Run Time (min)	26
STD of Obs Run Times (min)	4.4
Scheduled Speed (MPH)	14.8
Observed Speed (MPH)	15.3
Round Trip (Length = 13.40 miles)	
Scheduled Cycle Time (min)	60
Sched RT Run Time (min)	55
Obs RT Run Time (min)	55
Sch Cycle/Run Time	1.09
Obs Cycle/Run Time	1.09
Scheduled Recovery Time	5
Observed Recovery Time	5
STD * 1.5 (min)	13

	ALL DAY	
Route 59.0		
Inbound (Length = 8.95 miles)		
Scheduled Run Time (min)	38	
Observed Run Time (min)	35	
STD of Obs Run Times (min)	3.0	
Scheduled Speed (MPH)	14.1	
Observed Speed (MPH)	15.3	
Outbound (Length = 9.05 miles)		
Scheduled Run Time (min)	37	
Observed Run Time (min)	35	
STD of Obs Run Times (min)	4.6	
Scheduled Speed (MPH)	14.7	
Observed Speed (MPH)	15.5	
Round Trip (Length = 18.00 miles)		
Scheduled Cycle Time (min)	90	
Sched RT Run Time (min)	75	
Obs RT Run Time (min)	70	
Sch Cycle/Run Time	1.20	
Obs Cycle/Run Time	1.29	
Scheduled Recovery Time	15	
Observed Recovery Time	20	
STD * 1.5 (min)	11	
Route 59.1		
Inbound (Length = 5.75 miles)		
Scheduled Run Time (min)	25	
Observed Run Time (min)	22	
STD of Obs Run Times (min)	4.1	
Scheduled Speed (MPH)	13.8	
Observed Speed (MPH)	15.7	
Outbound (Length = 5.85 miles)		
Scheduled Run Time (min)	25	
Observed Run Time (min)	25	
STD of Obs Run Times (min)	4.2	
Scheduled Speed (MPH)	14.0	
Observed Speed (MPH)	14.0	
Round Trip (Length = 11.60 miles)		
Scheduled Cycle Time (min)	60	(70 in PM peak)
Sched RT Run Time (min)	50	
Obs RT Run Time (min)	47	
Sch Cycle/Run Time	1.20	
Obs Cycle/Run Time	1.28	
Scheduled Recovery Time	10	
Observed Recovery Time	13	
STD * 1.5 (min)	12	

	7:00AM-8:59AM	9:00AM-3:59PM	4:00PM-5:59PM	6:00PM-6:59AM
Route 300				
Inbound (Length = 13.30 miles)				
Scheduled Run Time (min)	24	22	22	20
Observed Run Time (min)	27	25	25	19
STD of Obs Run Times (min)	2.8	2.5	4.6	0.0
Scheduled Speed (MPH)	33.3	36.3	36.3	39.9
Observed Speed (MPH)	29.6	31.9	31.9	42.0
Outbound (Length = 13.90 miles)				
Scheduled Run Time (min)	26	24	26	24
Observed Run Time (min)	26	30	28	24
STD of Obs Run Times (min)	5.5	0.0	4.8	4.0
Scheduled Speed (MPH)	32.1	34.8	32.1	34.8
Observed Speed (MPH)	32.1	27.8	29.8	34.8
Round Trip (Length = 27.20 miles)				
Scheduled Cycle Time (min)	57	57	59	57
Sched RT Run Time (min)	50	46	48	44
Obs RT Run Time (min)	53	55	53	43
Sch Cycle/Run Time	1.14	1.24	1.23	1.30
Obs Cycle/Run Time	1.08	1.04	1.11	1.33
Scheduled Recovery Time	7	11	11	13
Observed Recovery Time	4	2	6	14
STD * 1.5 (min)	12	4	14	6

	6:30AM-10:59AM
Route 301.0 AM Service	
Inbound (Length = 9.95 miles)	
Scheduled Run Time (min)	25
Observed Run Time (min)	25
STD of Obs Run Times (min)	3.6
Scheduled Speed (MPH)	23.9
Observed Speed (MPH)	23.9
Outbound (Length = 7.10 miles)	
Scheduled Run Time (min)	15
Observed Run Time (min)	20
STD of Obs Run Times (min)	3.1
Scheduled Speed (MPH)	28.4
Observed Speed (MPH)	21.3
Round Trip (Length = 17.05 miles)	
Scheduled Cycle Time (min)	52
Sched RT Run Time (min)	40
Obs RT Run Time (min)	45
Sch Cycle/Run Time	1.30
Obs Cycle/Run Time	1.16
Scheduled Recovery Time	12
Observed Recovery Time	7
STD * 1.5 (min)	10

	2:30PM-6:59PM
Route 301.0 PM Service	
Inbound (Length = 6.10 miles)	
Scheduled Run Time (min)	16
Observed Run Time (min)	19
STD of Obs Run Times (min)	4.1
Scheduled Speed (MPH)	22.9
Observed Speed (MPH)	19.3
Outbound (Length = 10.50 miles)	
Scheduled Run Time (min)	30
Observed Run Time (min)	31
STD of Obs Run Times (min)	6.7
Scheduled Speed (MPH)	21.0
Observed Speed (MPH)	20.3
Round Trip (Length = 16.60 miles)	
Scheduled Cycle Time (min)	60
Sched RT Run Time (min)	46
Obs RT Run Time (min)	50
Sch Cycle/Run Time	1.30
Obs Cycle/Run Time	1.20
Scheduled Recovery Time	14
Observed Recovery Time	10
STD * 1.5 (min)	16

	9:00AM-3:59PM	4:00PM-5:59PM	6:00PM-6:59AM
Route 301.1			
Inbound (Length = 9.95 miles)			
Scheduled Run Time (min)	23	25	23
Observed Run Time (min)	22	28	23
STD of Obs Run Times (min)	--	7.9	1.4
Scheduled Speed (MPH)	26.0	23.9	26.0
Observed Speed (MPH)	27.1	21.3	26.0
Outbound (Length = 10.50 miles)			
Scheduled Run Time (min)	30	30	30
Observed Run Time (min)	30	31	24
STD of Obs Run Times (min)	1.0	4.0	1.4
Scheduled Speed (MPH)	21.0	21.0	21.0
Observed Speed (MPH)	21.0	20.3	26.3
Round Trip (Length = 20.45 miles)			
Scheduled Cycle Time (min)	64	62	62
Sched RT Run Time (min)	53	55	53
Obs RT Run Time (min)	52	59	47
Sch Cycle/Run Time	1.21	1.13	1.17
Obs Cycle/Run Time	1.23	1.05	1.32
Scheduled Recovery Time	11	7	9
Observed Recovery Time	12	3	15
STD * 1.5 (min)	NA	18	4

	7:00AM-8:59AM	9:00AM-3:59PM	4:00PM-6:59AM
Route 302.0			
Inbound (Length = 8.15 miles)			
Scheduled Run Time (min)	18	18	18
Observed Run Time (min)	26	20	22
STD of Obs Run Times (min)	4.6	3.6	2.2
Scheduled Speed (MPH)	27.2	27.2	27.2
Observed Speed (MPH)	18.8	24.5	22.2
Outbound (Length = 7.20 miles)			
Scheduled Run Time (min)	14	14	14
Observed Run Time (min)	16	16	18
STD of Obs Run Times (min)	2.6	2.5	2.1
Scheduled Speed (MPH)	30.9	30.9	30.9
Observed Speed (MPH)	27.0	27.0	24.0
Round Trip (Length = 15.35 miles)			
Scheduled Cycle Time (min)	48	60	48
Sched RT Run Time (min)	32	32	32
Obs RT Run Time (min)	42	36	40
Sch Cycle/Run Time	1.50	1.88	1.50
Obs Cycle/Run Time	1.14	1.67	1.20
Scheduled Recovery Time	16	28	16
Observed Recovery Time	6	24	8
STD * 1.5 (min)	11	9	6

	7:00AM-8:59AM	9:00AM-3:59PM	4:00PM-5:59PM	6:00PM-6:59AM
Route 304.0				
Inbound (Length = 8.50 miles)				
Scheduled Run Time (min)	20	18	20	18
Observed Run Time (min)	22	21	22	17
STD of Obs Run Times (min)	3.4	4.7	4.6	3.1
Scheduled Speed (MPH)	25.5	28.3	25.5	28.3
Observed Speed (MPH)	23.2	24.3	23.2	30.0
Outbound (Length = 8.70 miles)				
Scheduled Run Time (min)	22	20	27	20
Observed Run Time (min)	20	21	26	21
STD of Obs Run Times (min)	3.3	2.3	4.0	3.1
Scheduled Speed (MPH)	23.7	26.1	19.3	26.1
Observed Speed (MPH)	26.1	24.9	20.1	24.9
Round Trip (Length = 17.20 miles)				
Scheduled Cycle Time (min)	57	58	60	60
Sched RT Run Time (min)	42	38	47	38
Obs RT Run Time (min)	42	42	48	38
Sch Cycle/Run Time	1.36	1.53	1.28	1.58
Obs Cycle/Run Time	1.36	1.38	1.25	1.58
Scheduled Recovery Time	15	20	13	22
Observed Recovery Time	15	16	12	22
STD * 1.5 (min)	10	11	13	9

	7:00AM-8:59AM	9:00AM-3:59PM	4:00PM-5:59PM	6:00PM-6:59AM
Route 304.1				
Inbound (Length = 8.00 miles)				
Scheduled Run Time (min)	17	15	17	15
Observed Run Time (min)	19	16	18	15
STD of Obs Run Times (min)	4.6	3.0	3.5	2.1
Scheduled Speed (MPH)	28.2	32.0	28.2	32.0
Observed Speed (MPH)	25.3	30.0	26.7	32.0
Outbound (Length = 8.30 miles)				
Scheduled Run Time (min)	19	17	24	17
Observed Run Time (min)	17	18	22	17
STD of Obs Run Times (min)	2.5	3.3	4.8	4.1
Scheduled Speed (MPH)	26.2	29.3	20.8	29.3
Observed Speed (MPH)	29.3	27.7	22.6	29.3
Round Trip (Length = 16.30 miles)				
Scheduled Cycle Time (min)	47	44	52	52
Sched RT Run Time (min)	36	32	41	32
Obs RT Run Time (min)	36	34	40	32
Sch Cycle/Run Time	1.31	1.38	1.27	1.63
Obs Cycle/Run Time	1.31	1.29	1.30	1.63
Scheduled Recovery Time	11	12	11	20
Observed Recovery Time	11	10	12	20
STD * 1.5 (min)	11	9	12	9

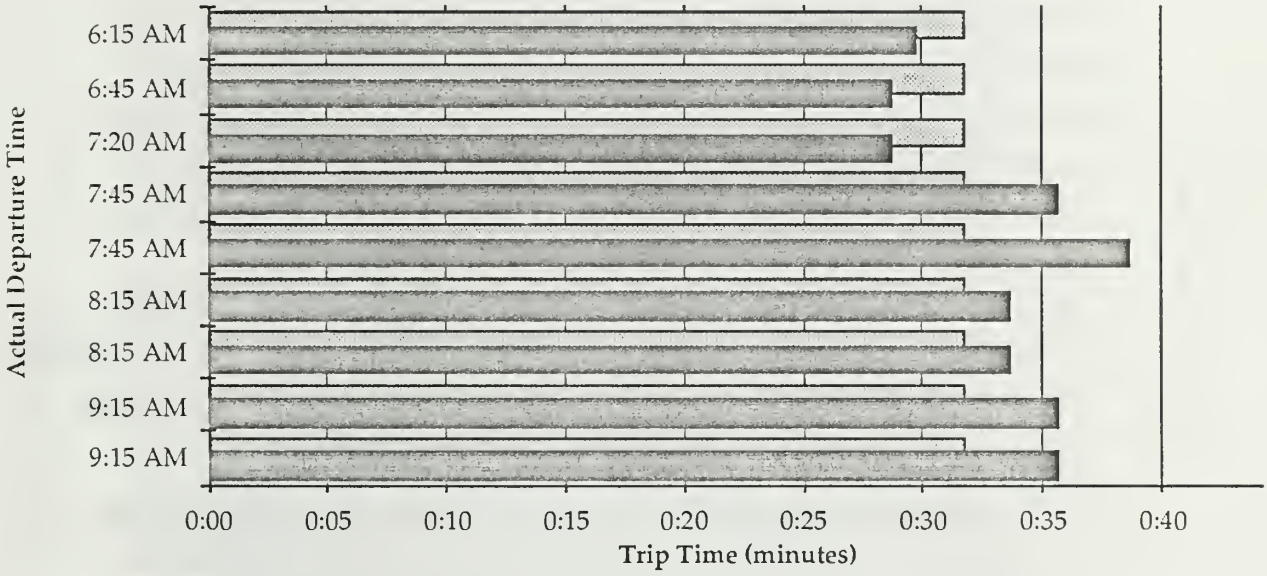
	7:00AM-8:59AM	9:00AM-3:59PM	4:00PM-5:59PM	6:00PM-6:59AM
Route 305				
Inbound (Length = 13.75 miles)				
Scheduled Run Time (min)	35	29	31	29
Observed Run Time (min)	37	32	33	30
STD of Obs Run Times (min)	4.6	4.0	4.4	3.4
Scheduled Speed (MPH)	23.6	28.4	26.6	28.4
Observed Speed (MPH)	22.3	25.8	25.0	27.5
Outbound (Length = 13.25 miles)				
Scheduled Run Time (min)	33	31	42	31
Observed Run Time (min)	31	32	38	32
STD of Obs Run Times (min)	2.3	4.1	5.8	2.9
Scheduled Speed (MPH)	24.1	25.6	18.9	25.6
Observed Speed (MPH)	25.6	24.8	20.9	24.8
Round Trip (Length = 27.00 miles)				
Scheduled Cycle Time (min)	78	80	80	80
Sched RT Run Time (min)	68	60	73	60
Obs RT Run Time (min)	68	64	71	62
Sch Cycle/Run Time	1.15	1.33	1.10	1.33
Obs Cycle/Run Time	1.15	1.25	1.13	1.29
Scheduled Recovery Time	10	20	7	20
Observed Recovery Time	10	16	9	18
STD * 1.5 (min)	10	12	15	9

Comparison of Observed Running Times to MBTA Book Times

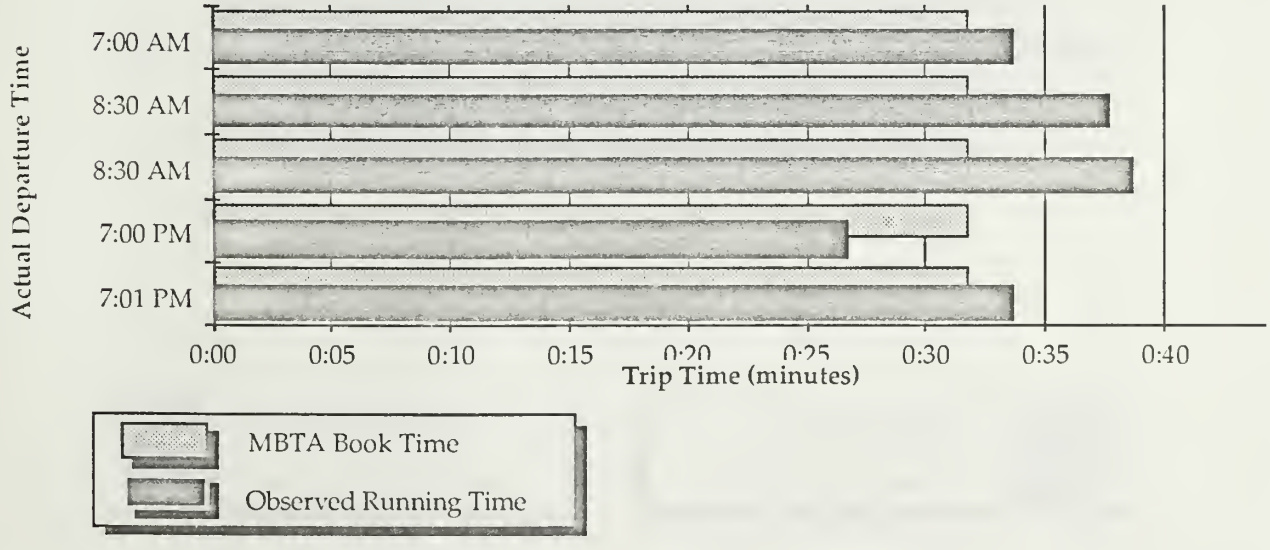
WESTBus

Observed Running Times Vs. MBTA Book Times

Route 52.0 Inbound (Charles River - Watertown Sq via Oak Hill)

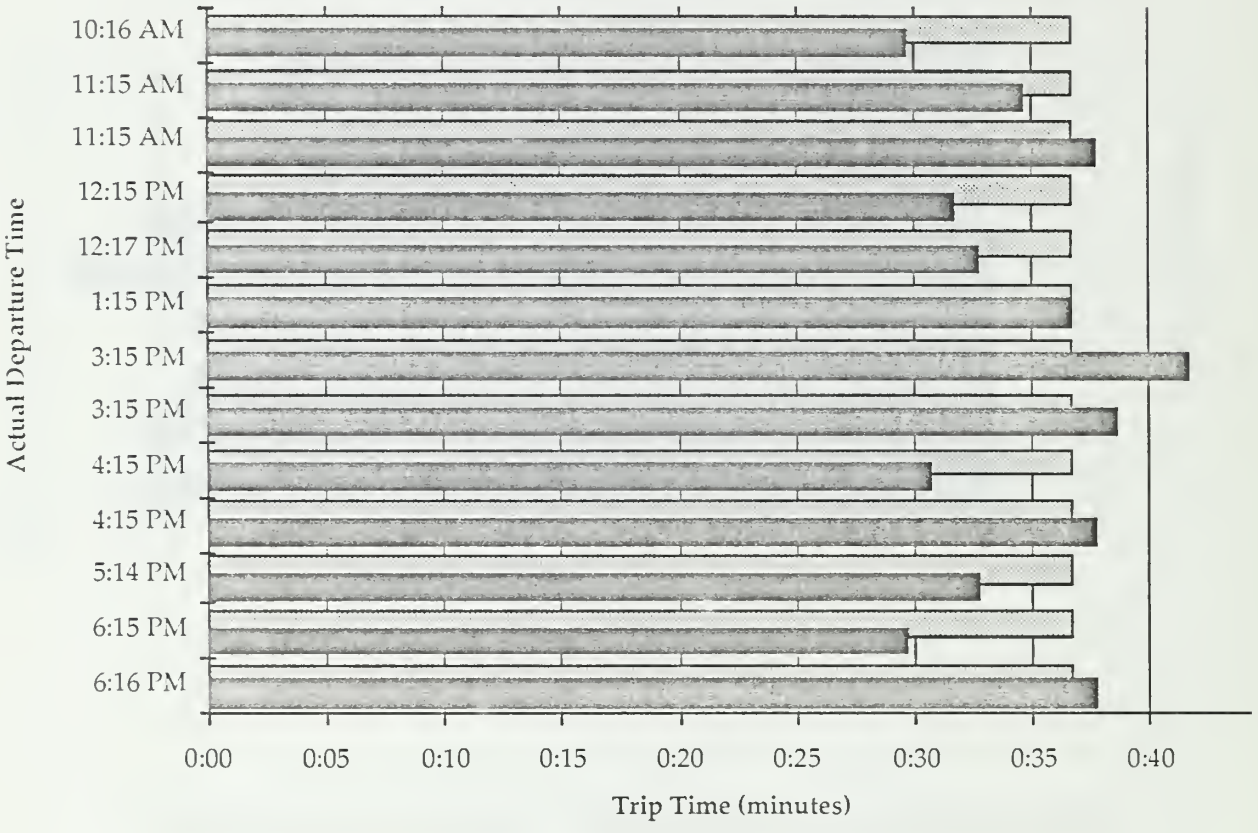


Route 52.0 Outbound (Watertown Sq - Charles River via Oak Hill)



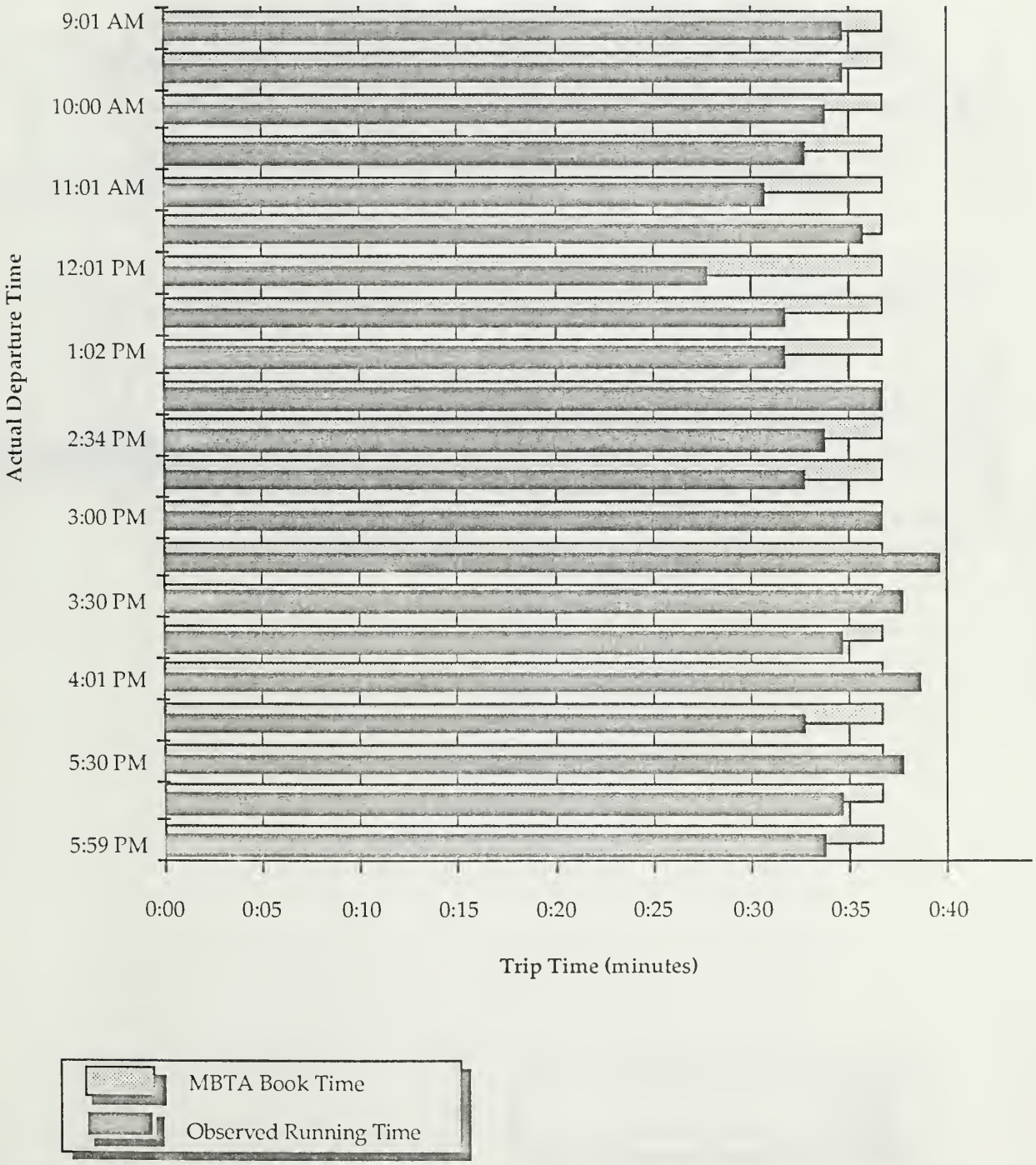
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 52.1 Inbound (Dedham Mall - Watertown Sq via Oak Hill)



WESTBus

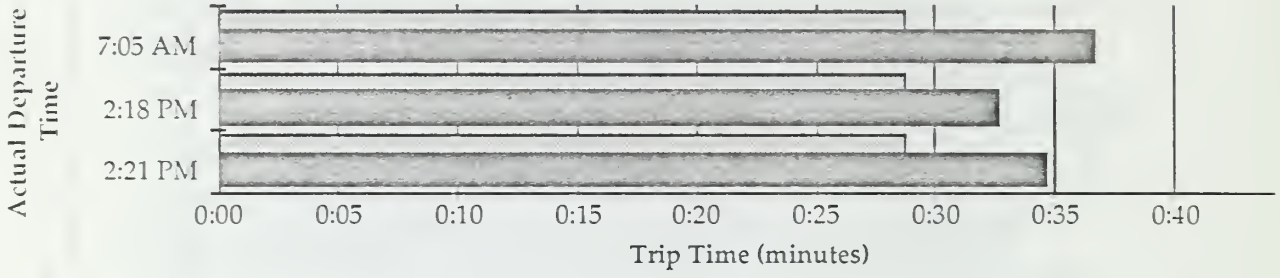
Observed Running Times Vs. MBTA Book Times
Route 52.1 Outbound (Watertown Sq - Dedham Mall via Oak Hill)



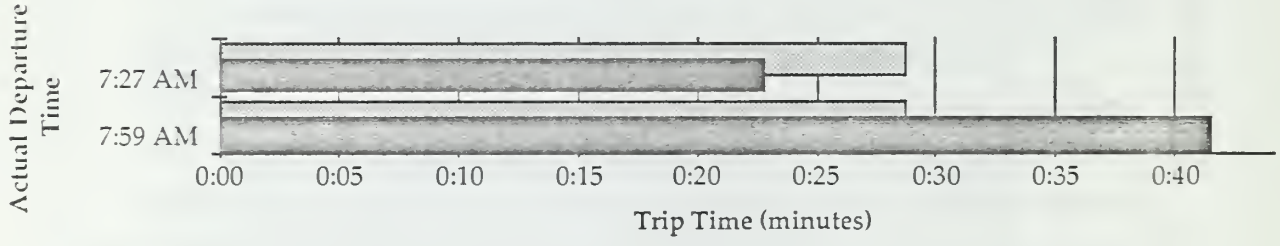
WESTBus

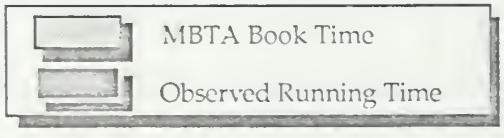
Observed Running Times Vs. MBTA Book Times

Route 52.3 Inbound (Charles River - Newton Corner via Oak Hill)



Route 52.3 Outbound (Newton Corner - Charles River via Oak Hill)

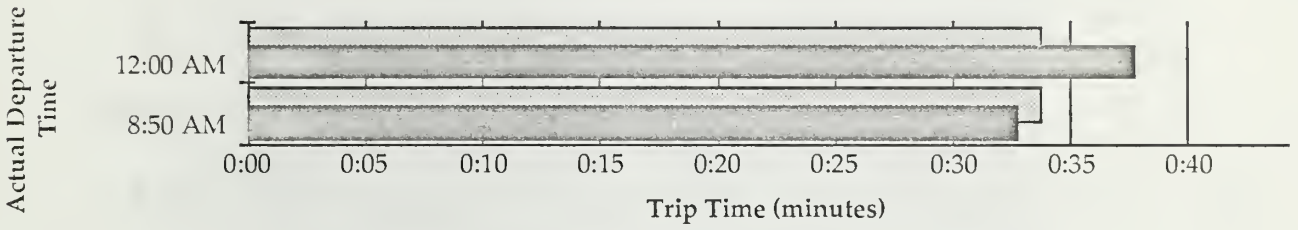




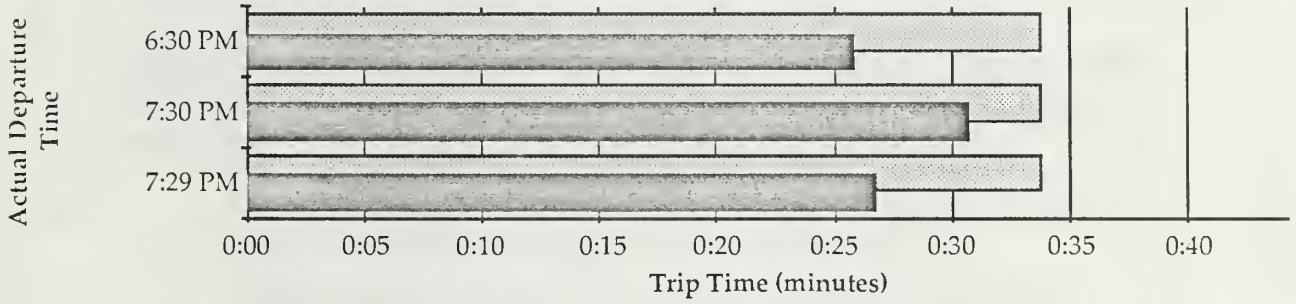
WESTBus

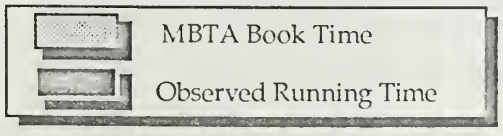
Observed Running Times Vs. MBTA Book Times

Route 52.6 Inbound (Charles River - Watertown Sq via Community Center)



Route 52.6 Outbound (Watertown Sq - Charles River via Community Center)

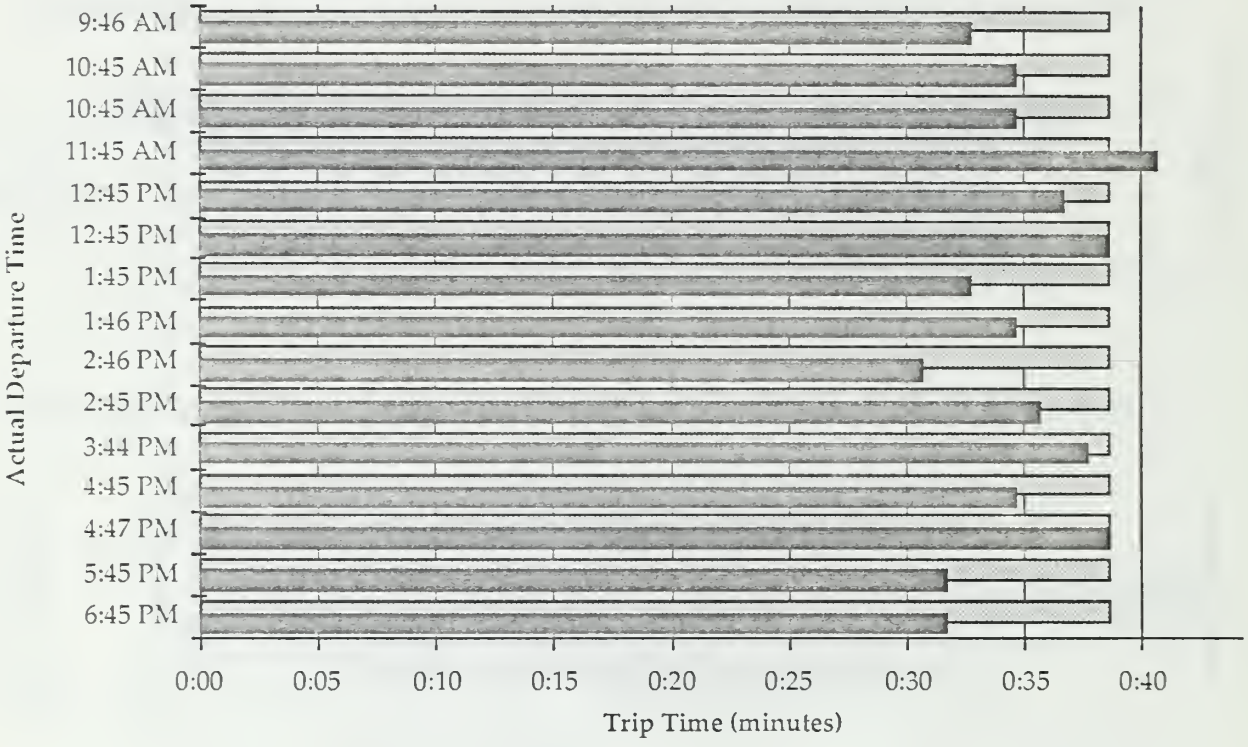




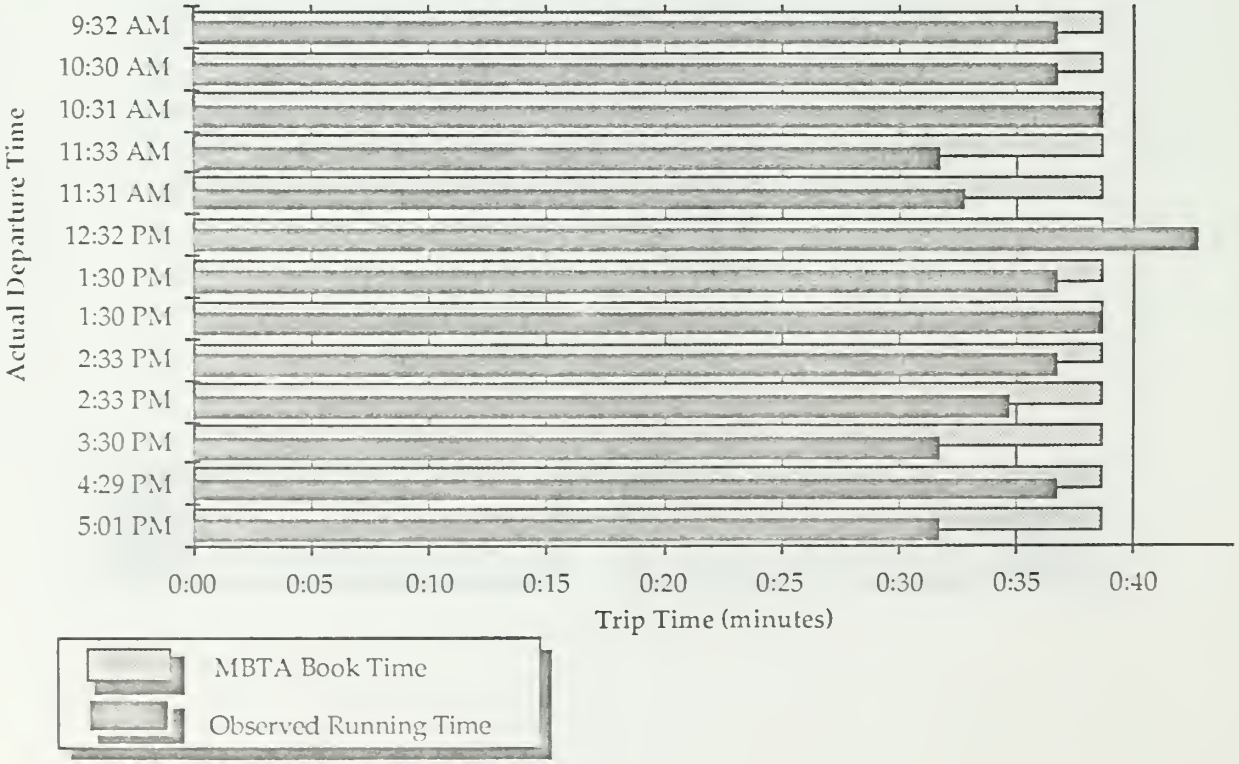
WESTBus

Observed Running Times Vs. MBTA Book Times

Route 52.7 Inbound (Dedham Mall - Watertown Sq via Community Center)

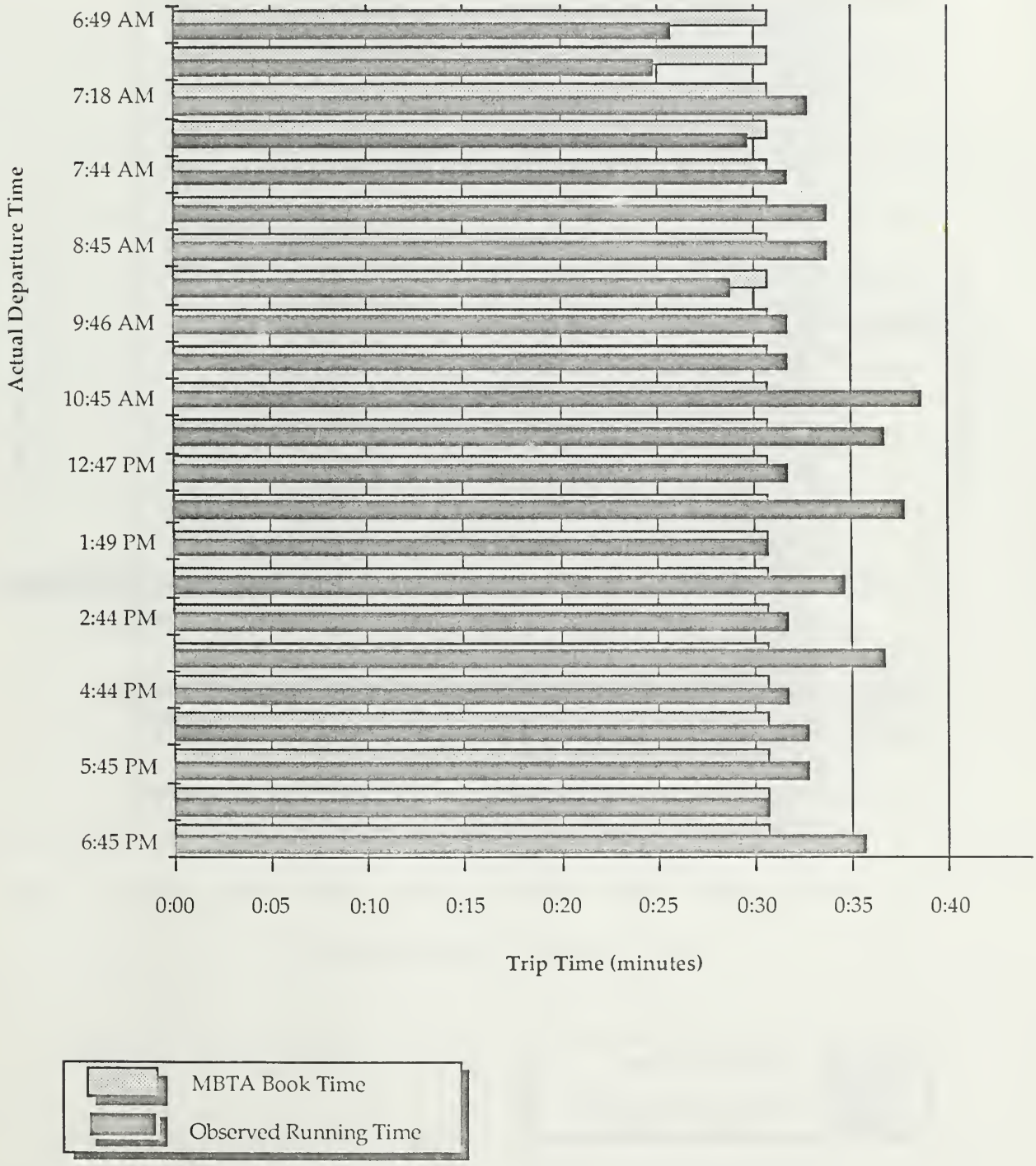


Route 52.7 Outbound (Watertown Square - Dedham Mall via Community Center)



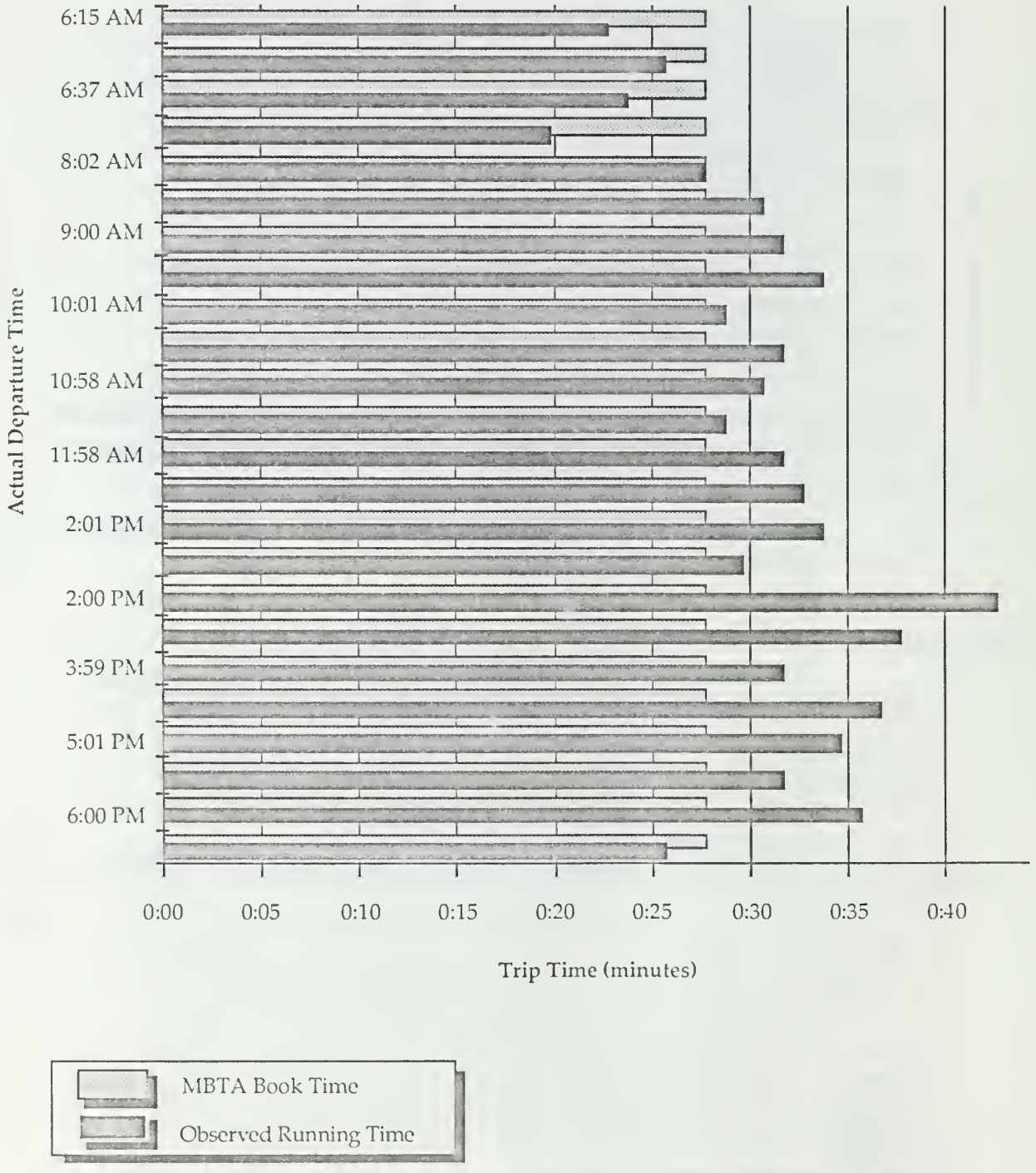
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 53 Inbound (Roberts - Newton Corner)



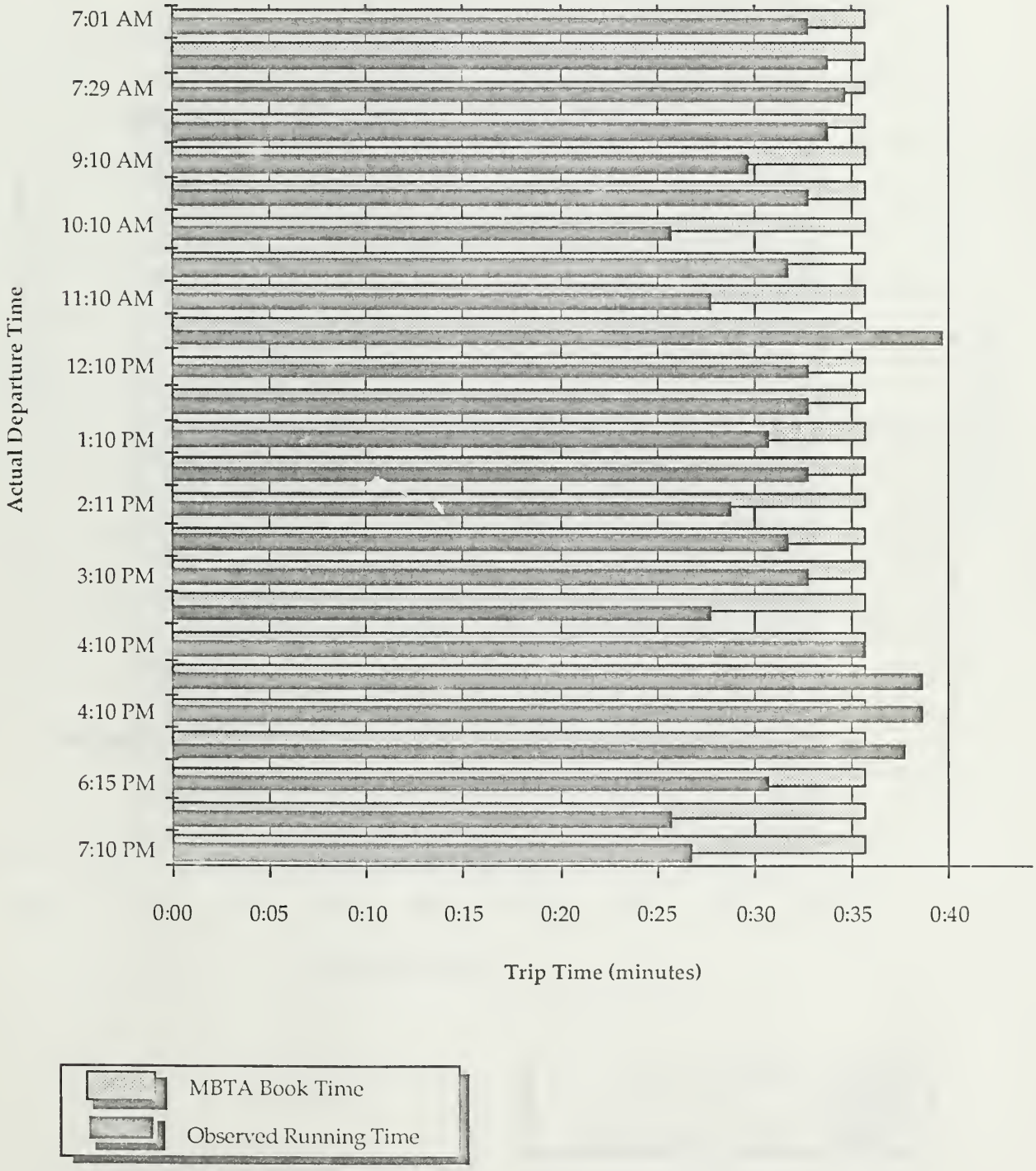
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 53 Outbound (Newton Corner - Roberts)



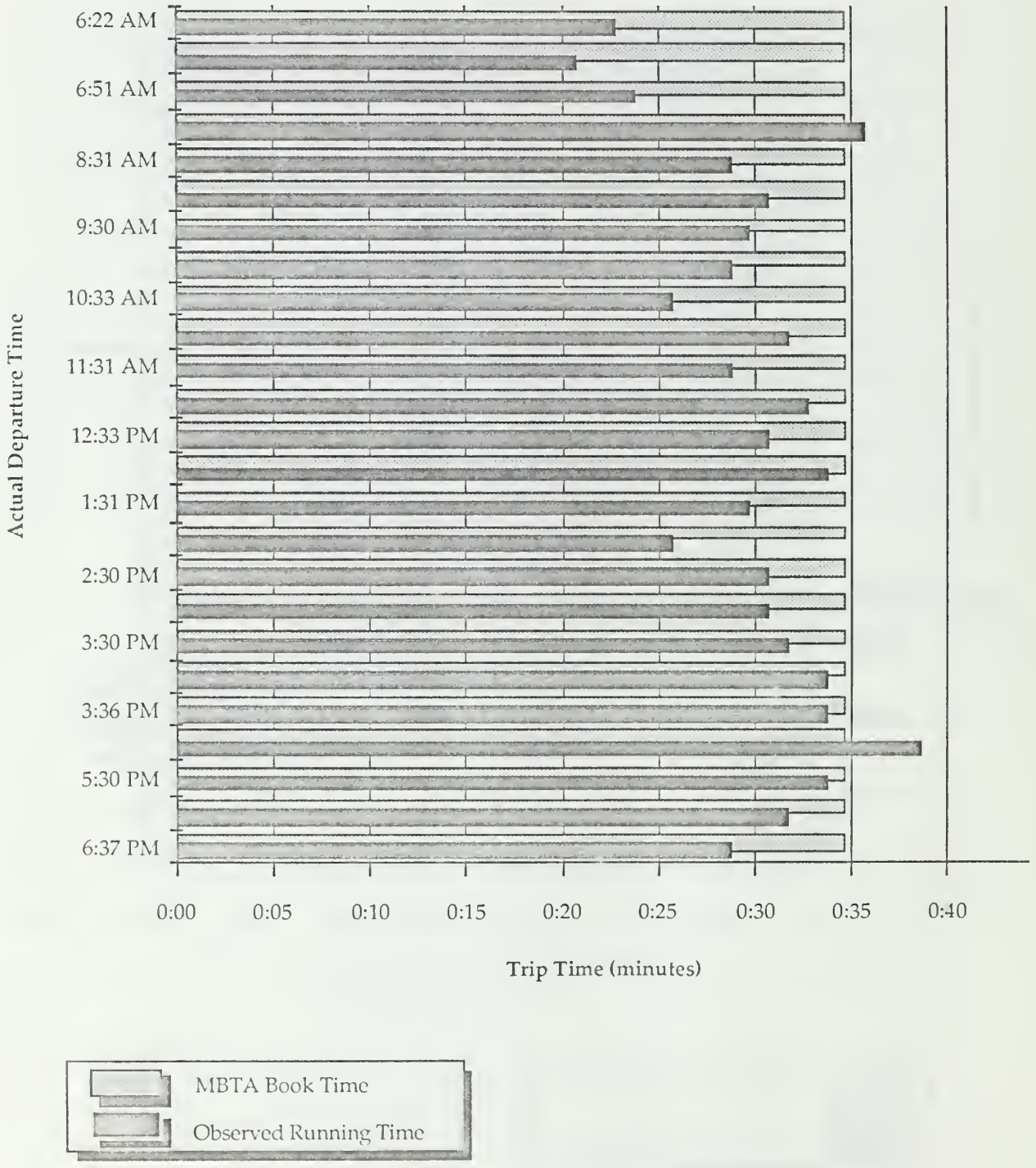
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 54 Inbound (Waverly Square - Newton Corner)



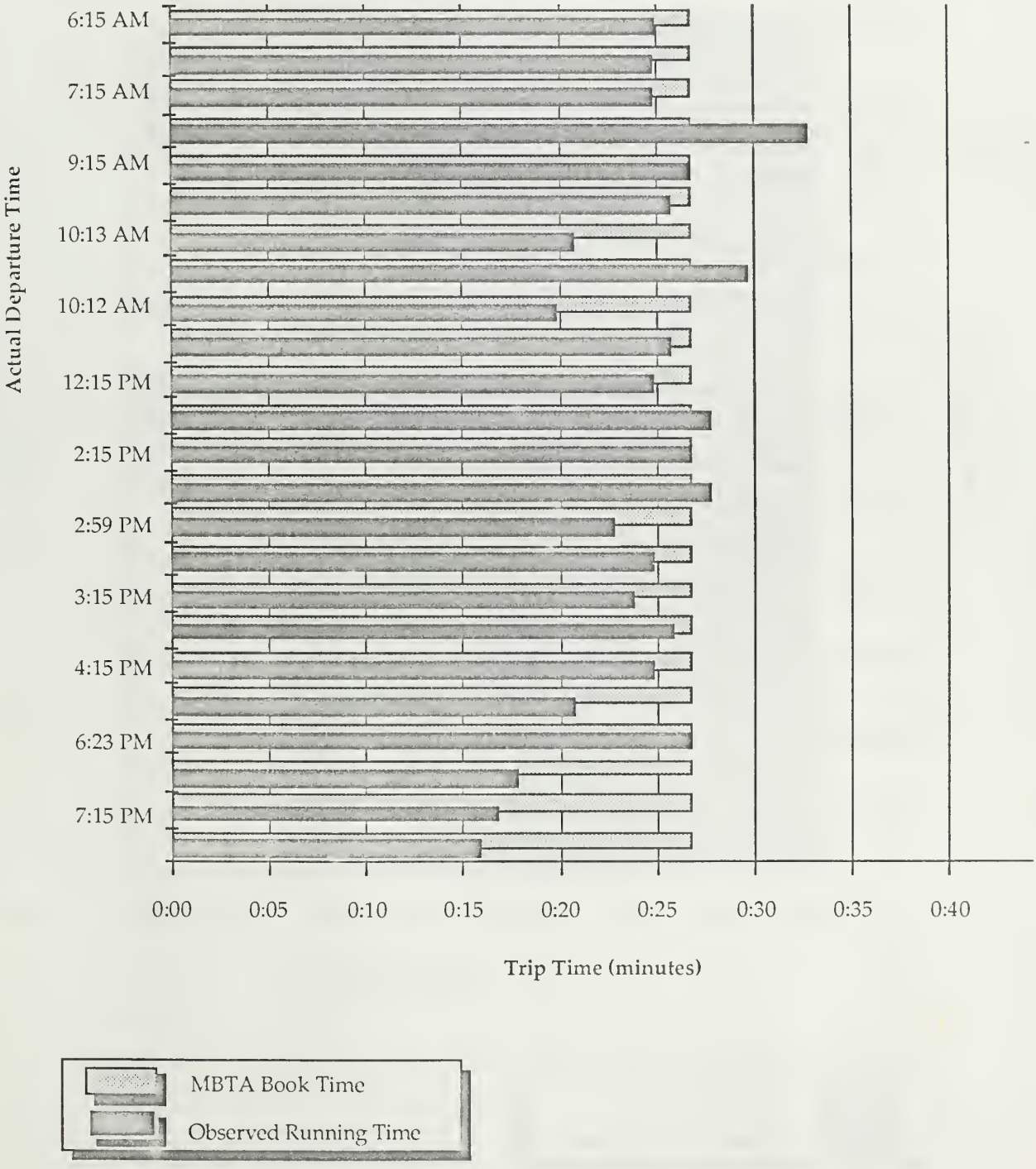
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 54 Outbound (Newton Corner - Waverly Square)



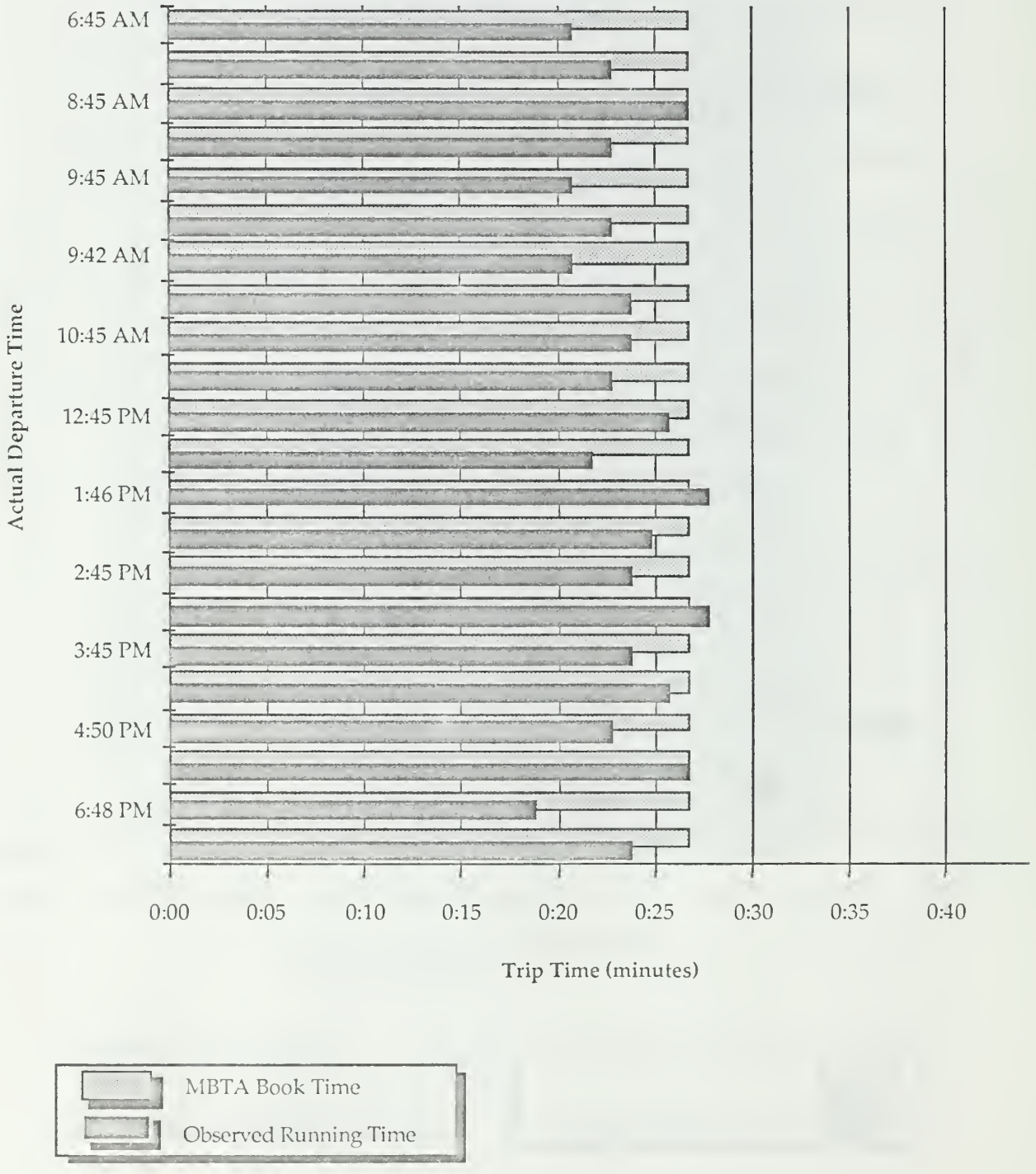
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 56.0 Inbound (Waltham Highlands - Newton Corner)



WESTBus

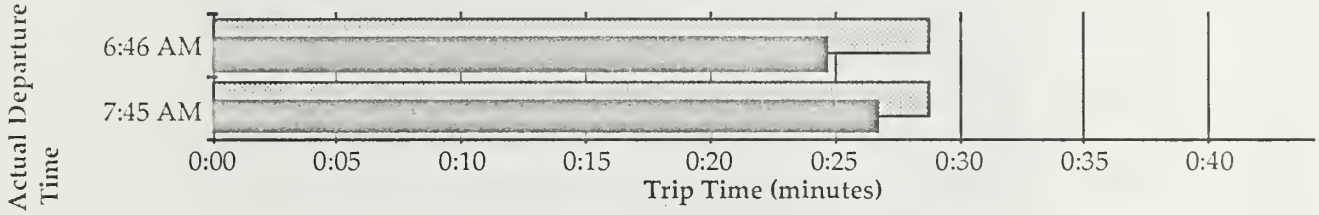
Observed Running Times Vs. MBTA Book Times
Route 56.0 Outbound (Newton Corner - Waltham Highlands)



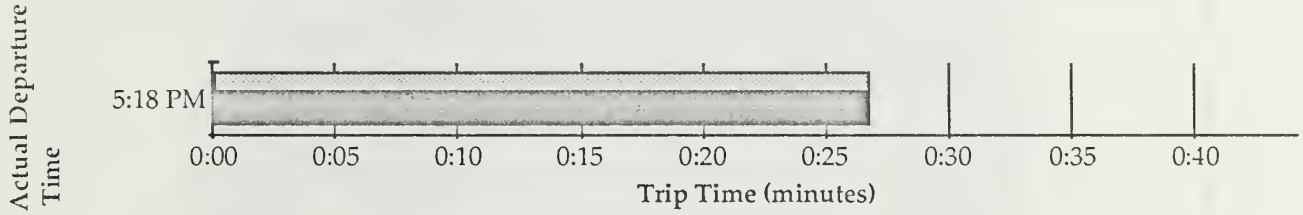
WESTBus

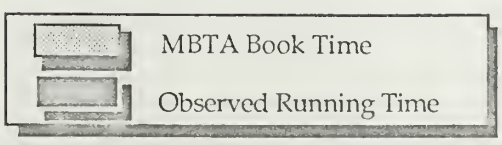
Observed Running Times Vs. MBTA Book Times

Route 56.1 Inbound (Waltham Highlands - Newton Corner)



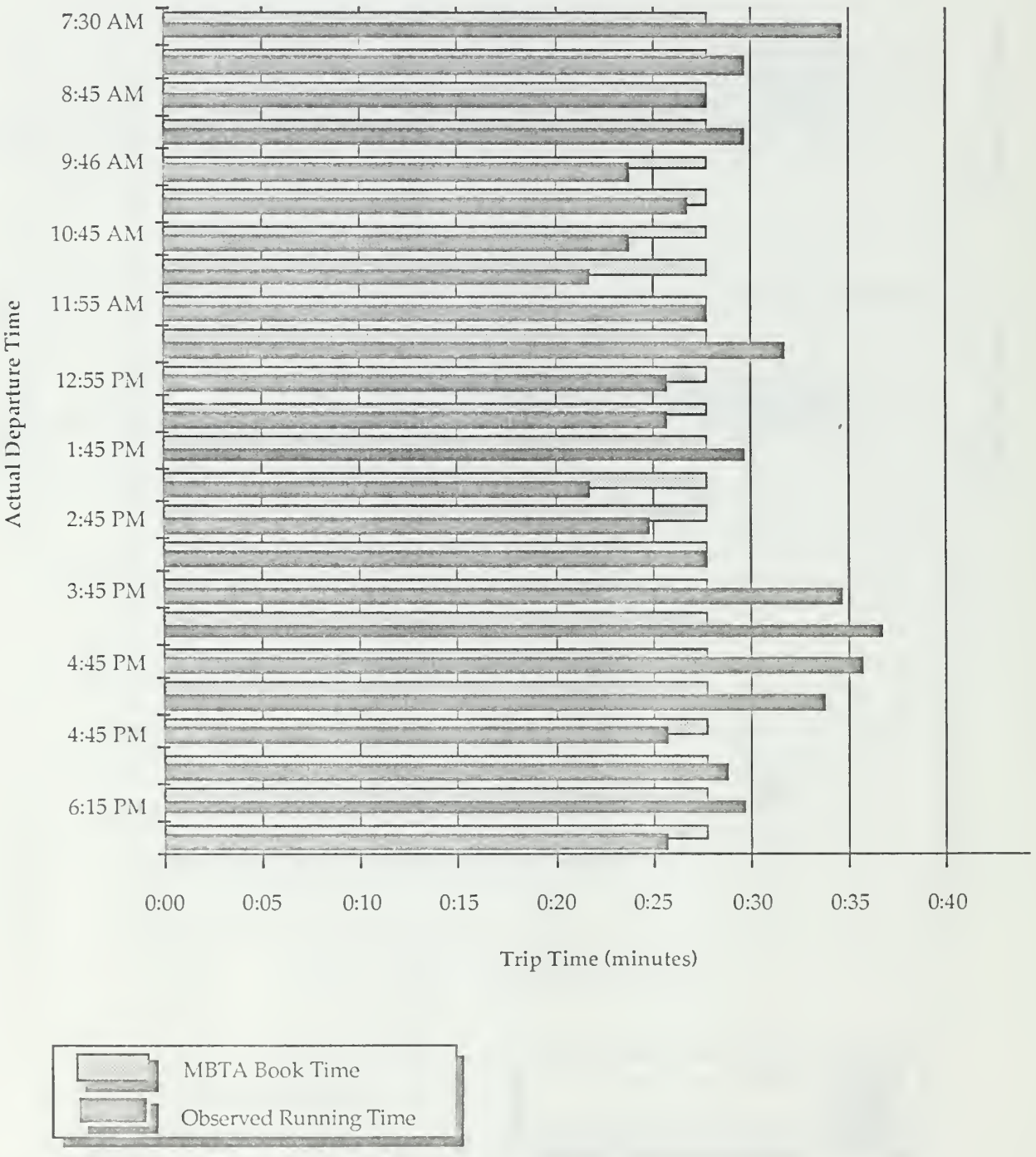
Route 56.1 Outbound (Newton Corner - Waltham Highlands)





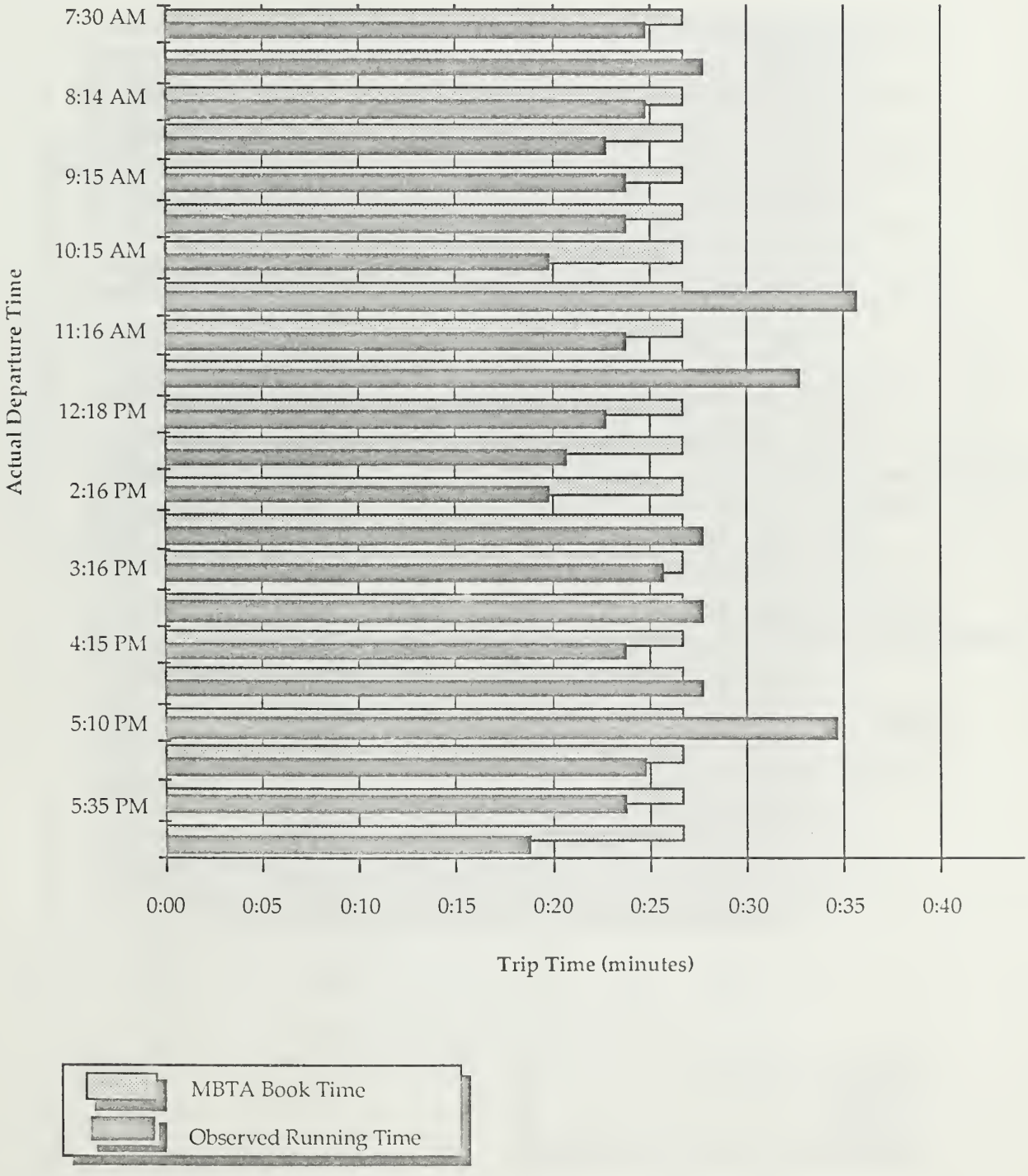
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 58 Inbound (Aurburndale - Newton Corner)



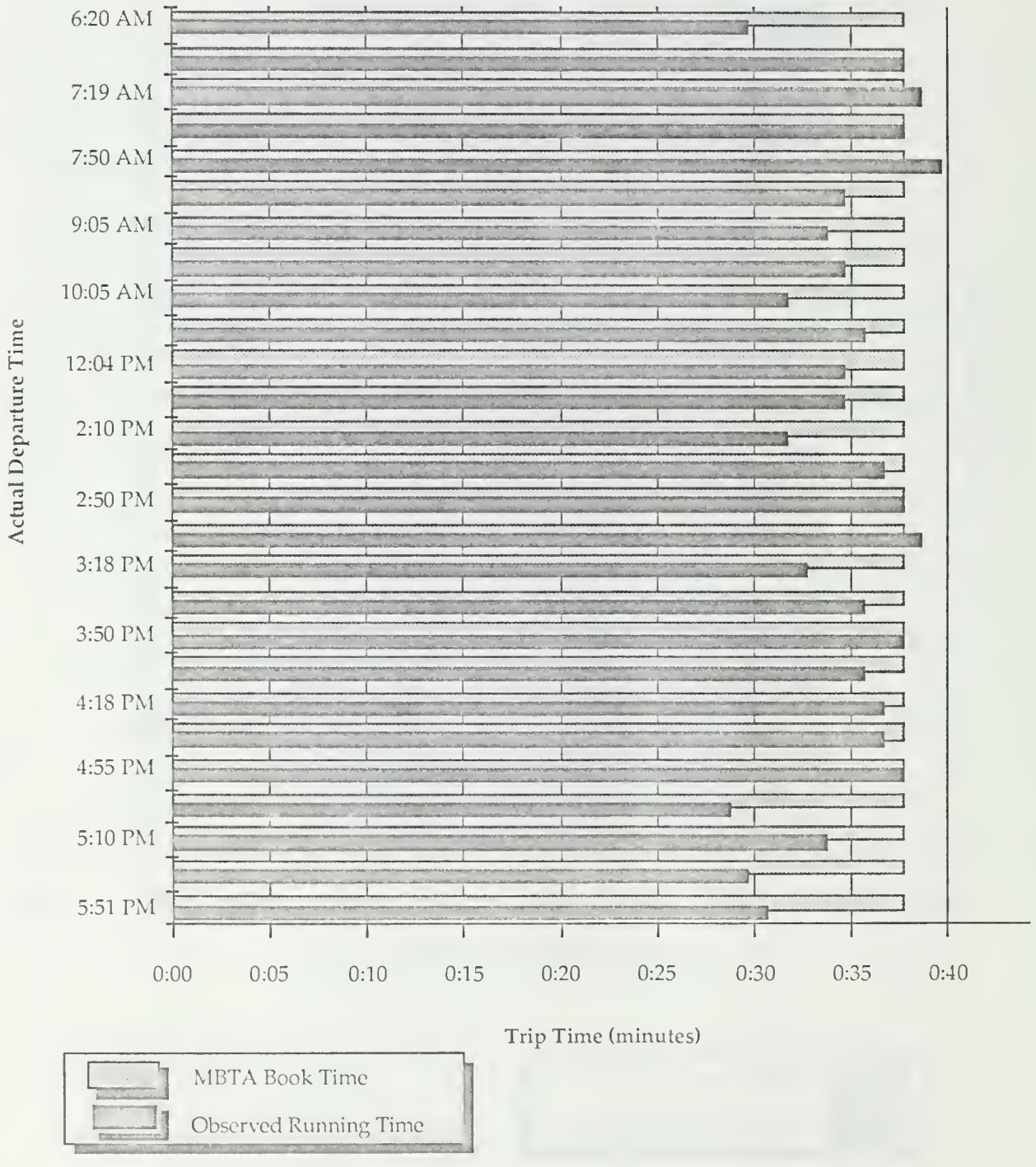
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 58 Outbound (Newton Corner - Auburndale)



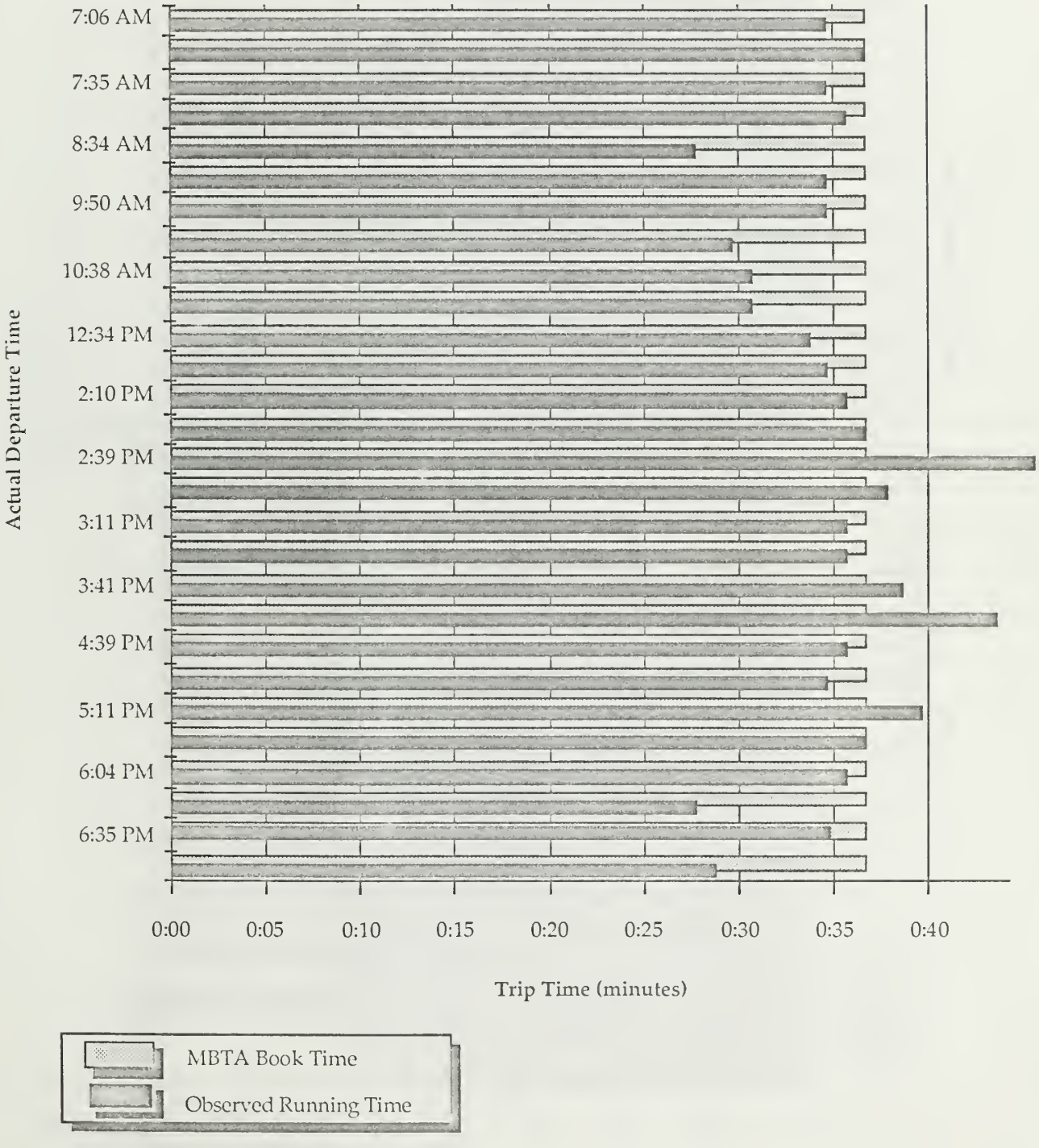
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 59.0 Inbound (Needham Junction - Watertown Square)



WESTBus

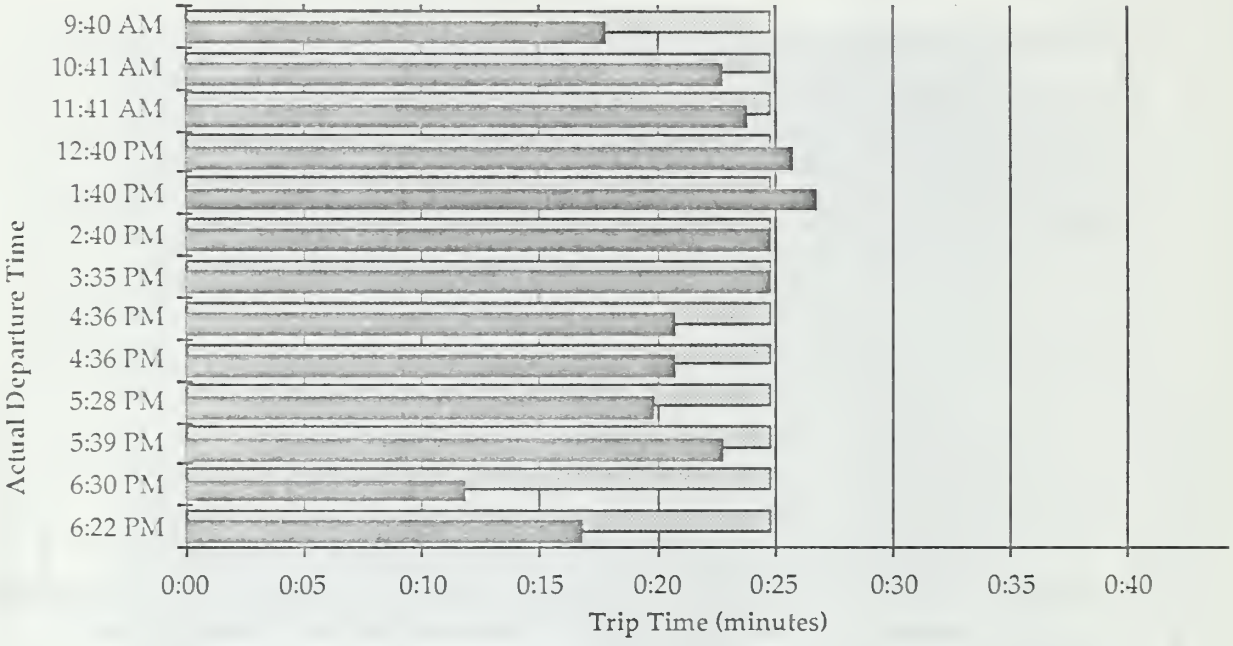
Observed Running Times Vs. MBTA Book Times
Route 59.0 Outbound (Watertown Sq - Needham Junction)



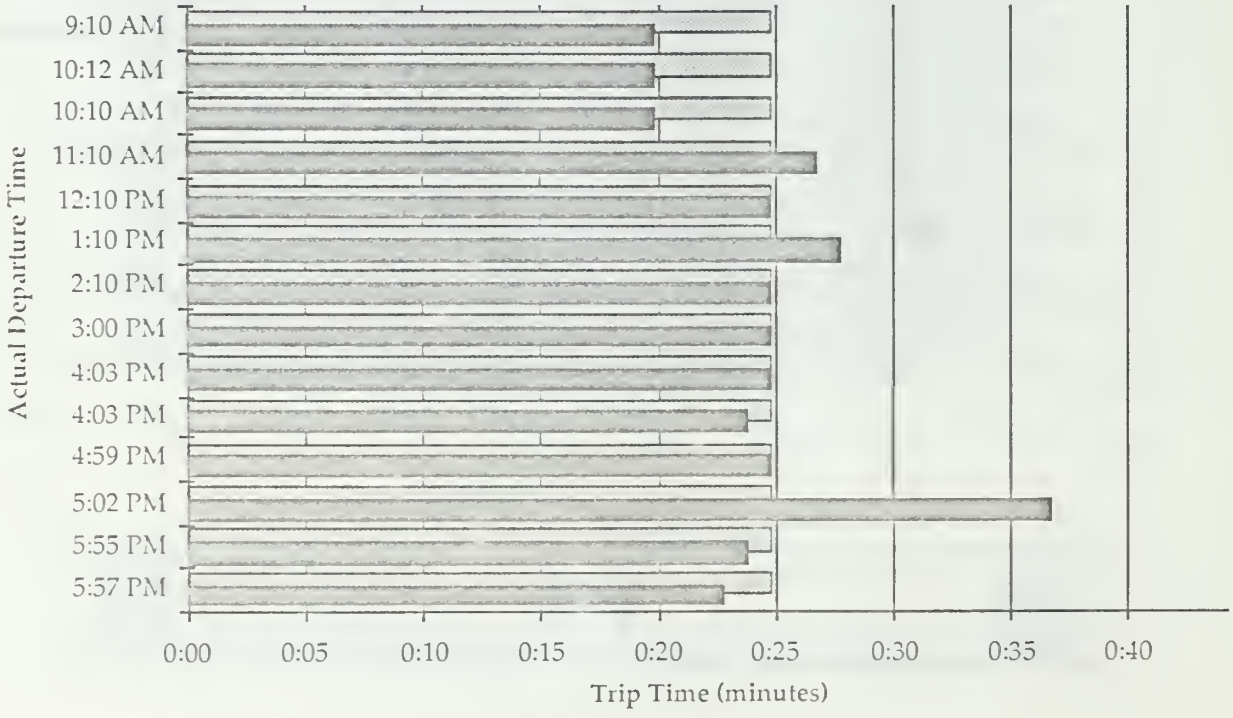
WESTBus

Observed Running Times Vs. MBTA Book Times

Route 59.1 Inbound (Newton Highlands - Watertown Square)

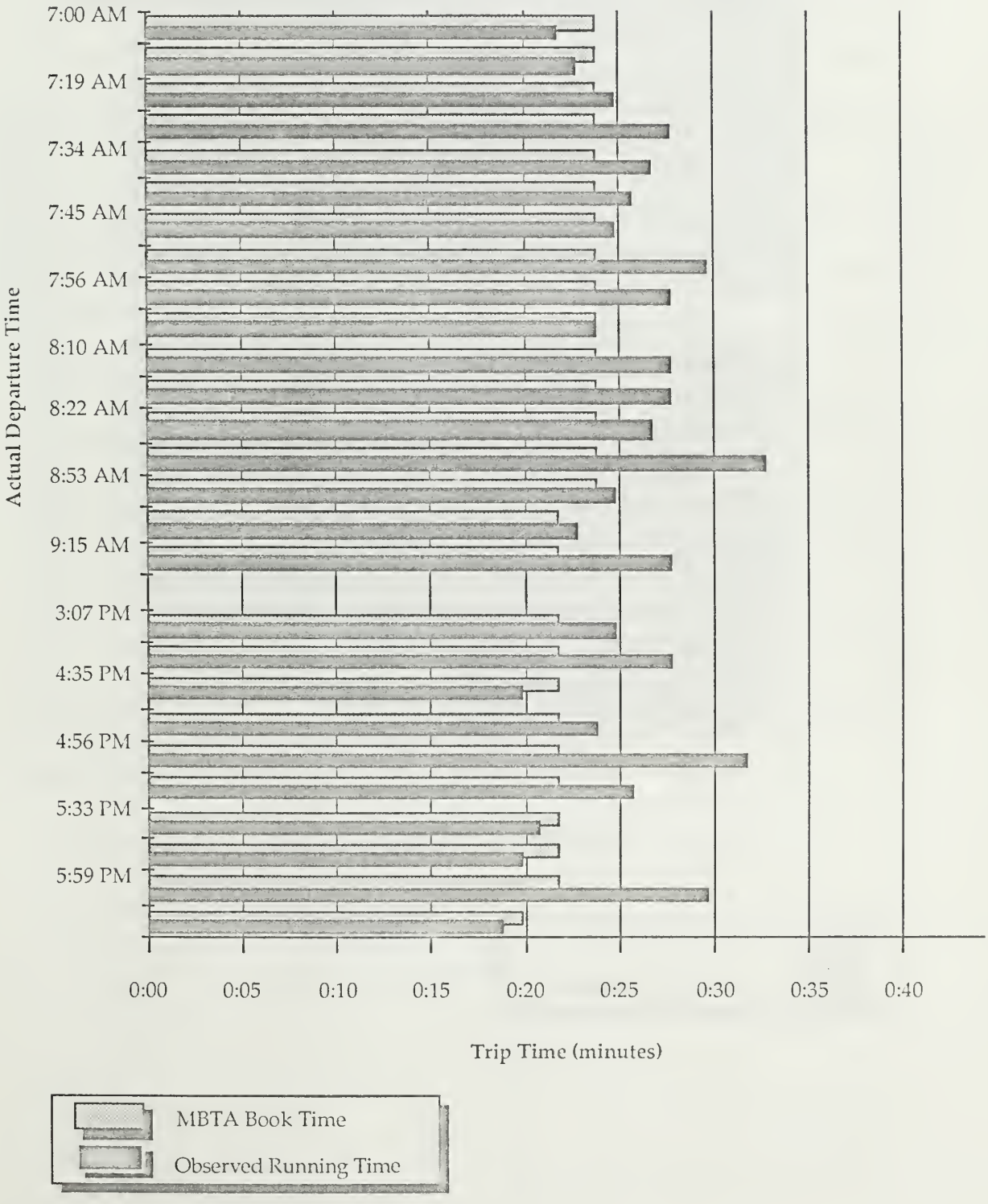


Route 59.1 Outbound (Newton Highlands - Watertown Square)



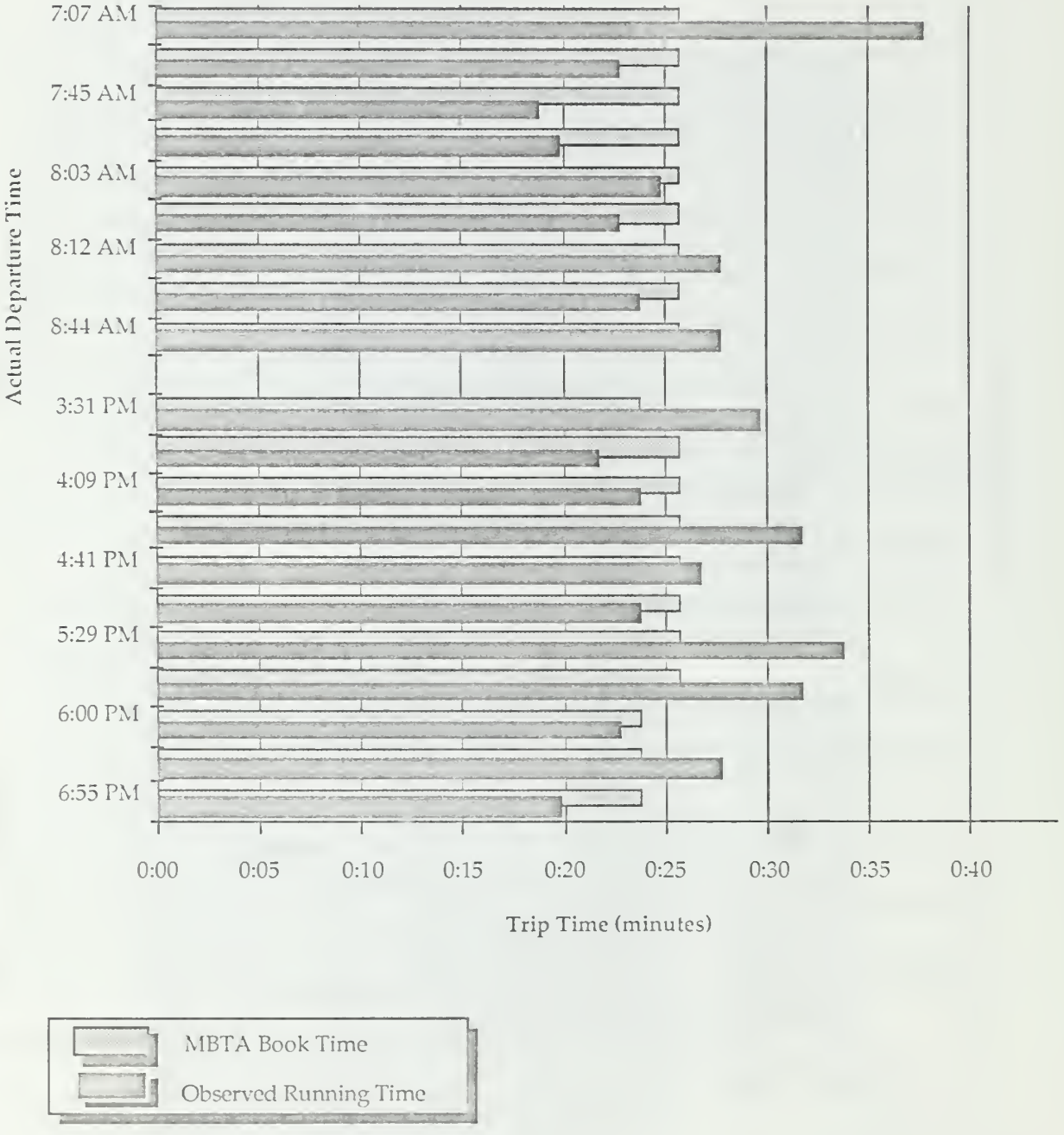
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 300 Inbound (Riverside - Downtown Boston)



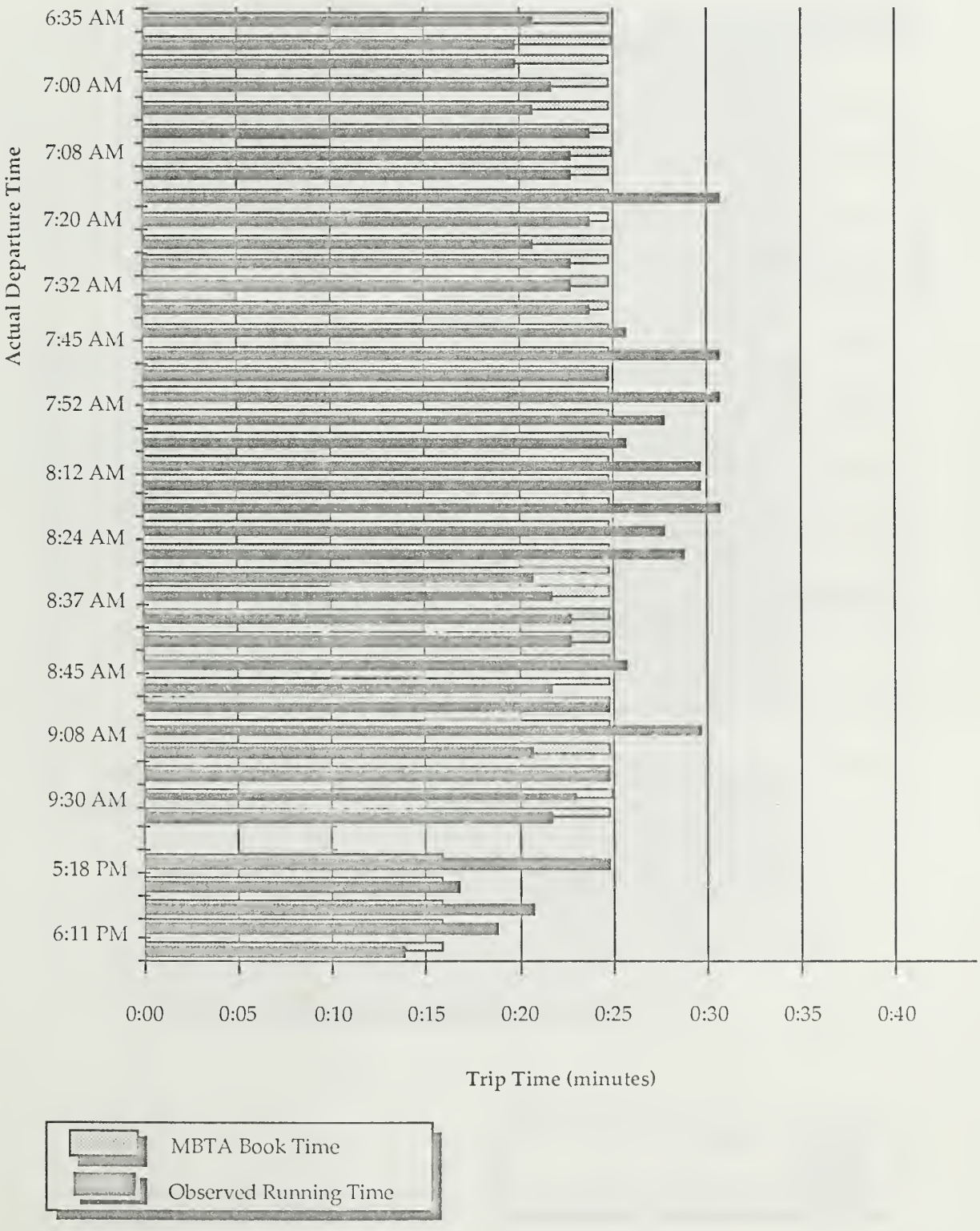
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 300 Outbound (Downtown Boston - Riverside)



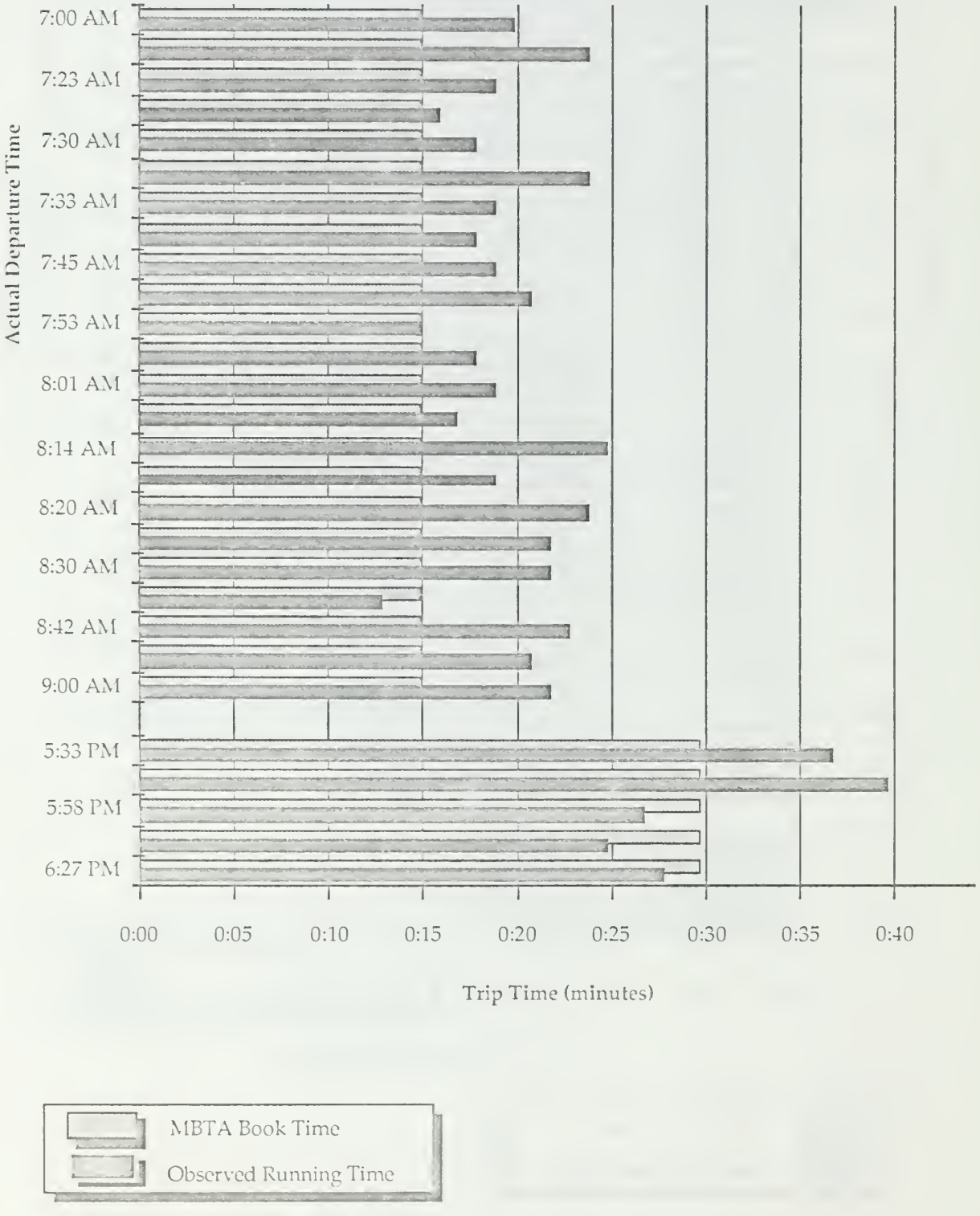
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 301.0 Inbound (Brighton Center - Downtown Boston)



WESTBus

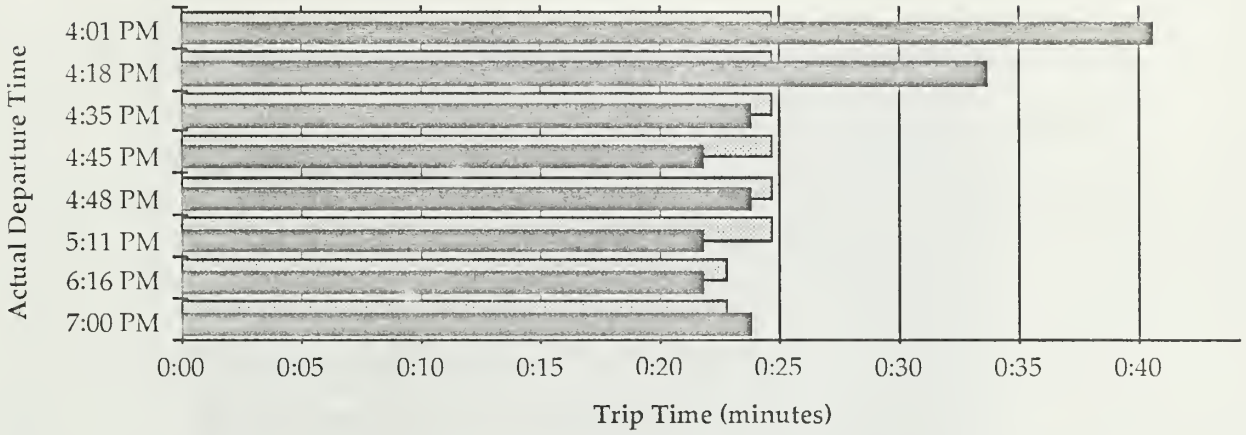
Observed Running Times Vs. MBTA Book Times
Route 301.0 Outbound (Downtown Boston - Brighton Center



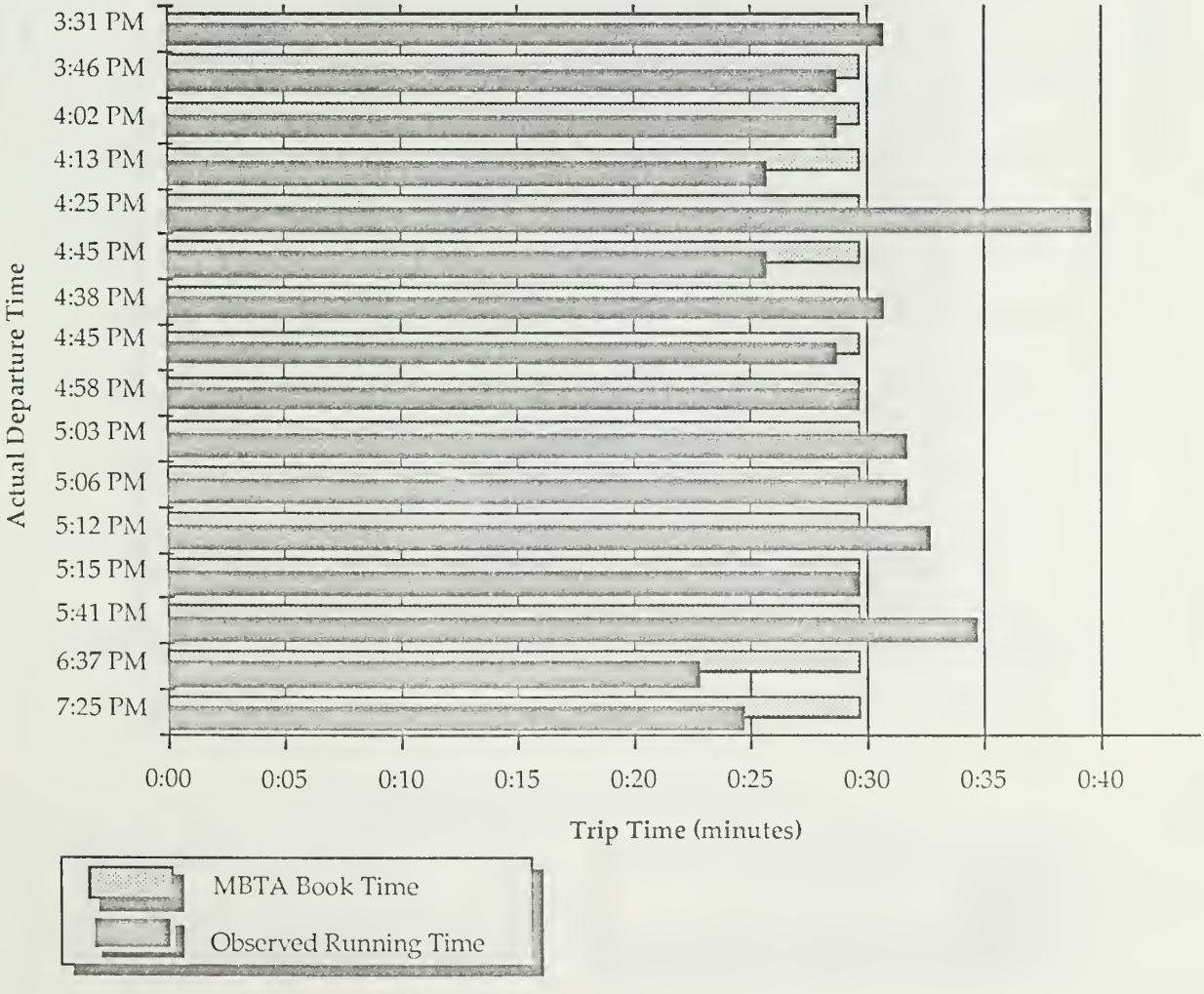
WESTBus

Observed Running Times Vs. MBTA Book Times

Route 301.1 Inbound (Brighton Center - Downtown Boston)

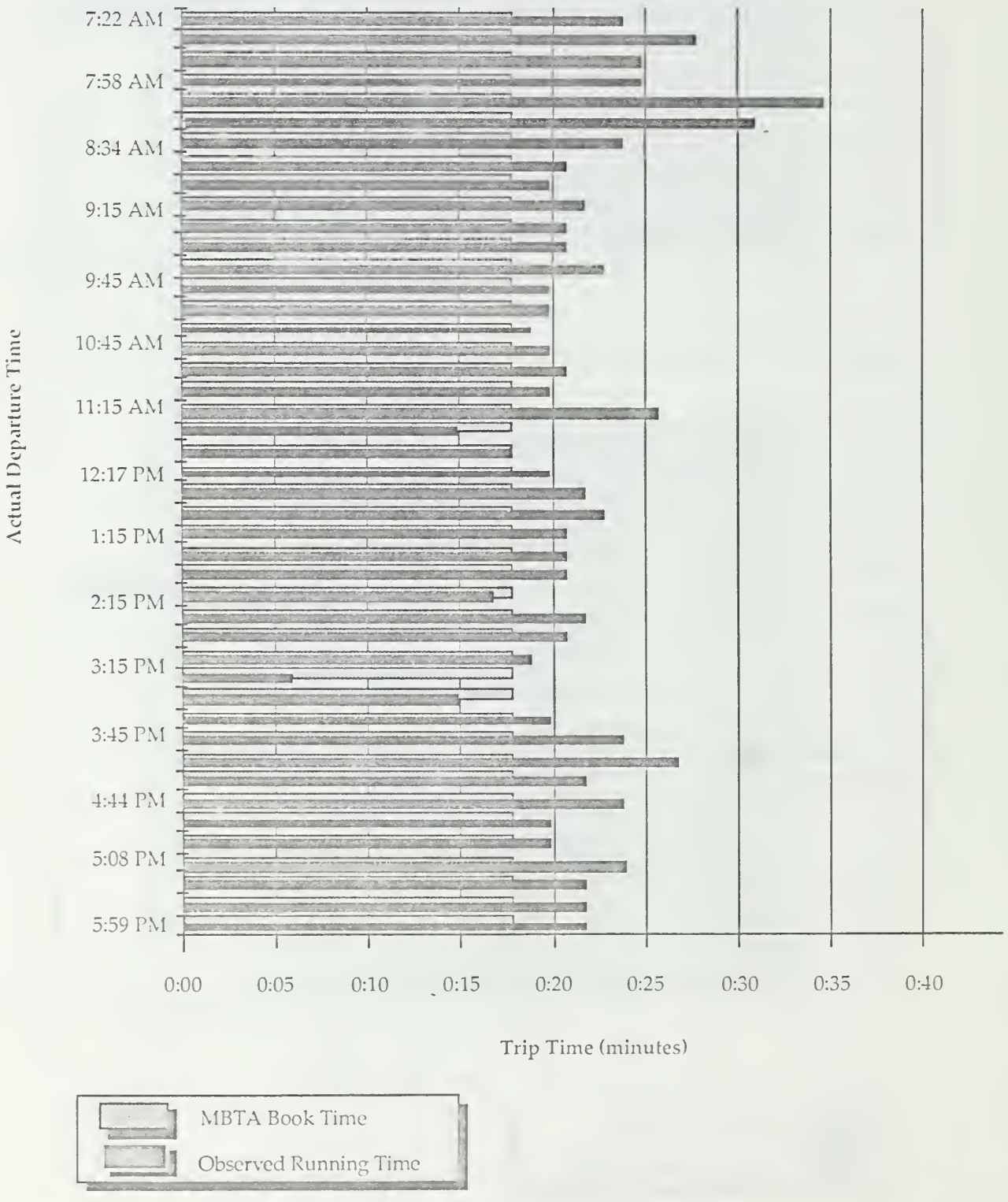


Route 301.1 Outbound (Downtown Boston - Brighton Center)



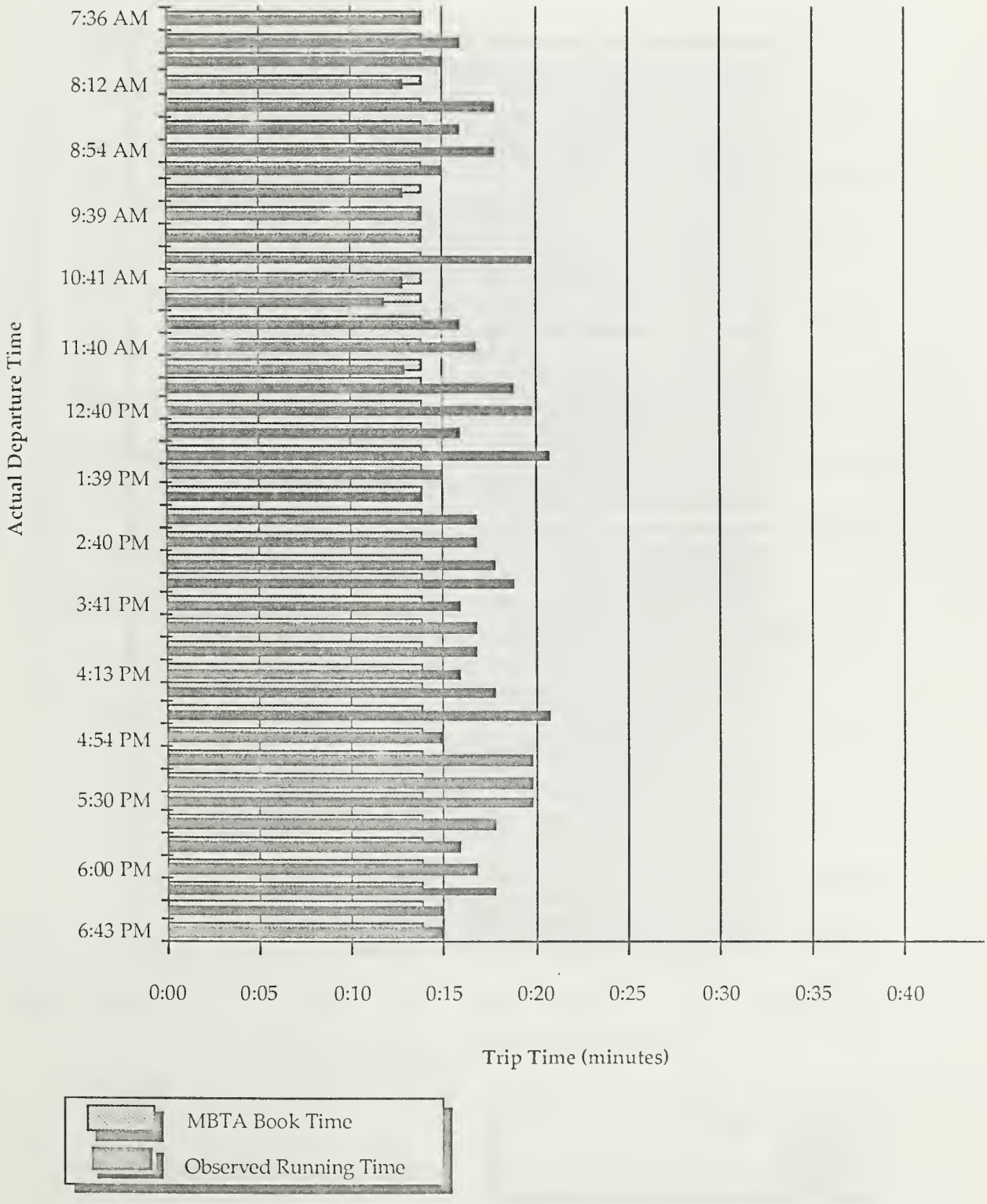
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 302 Inbound (Watertown Square - Copley Square)



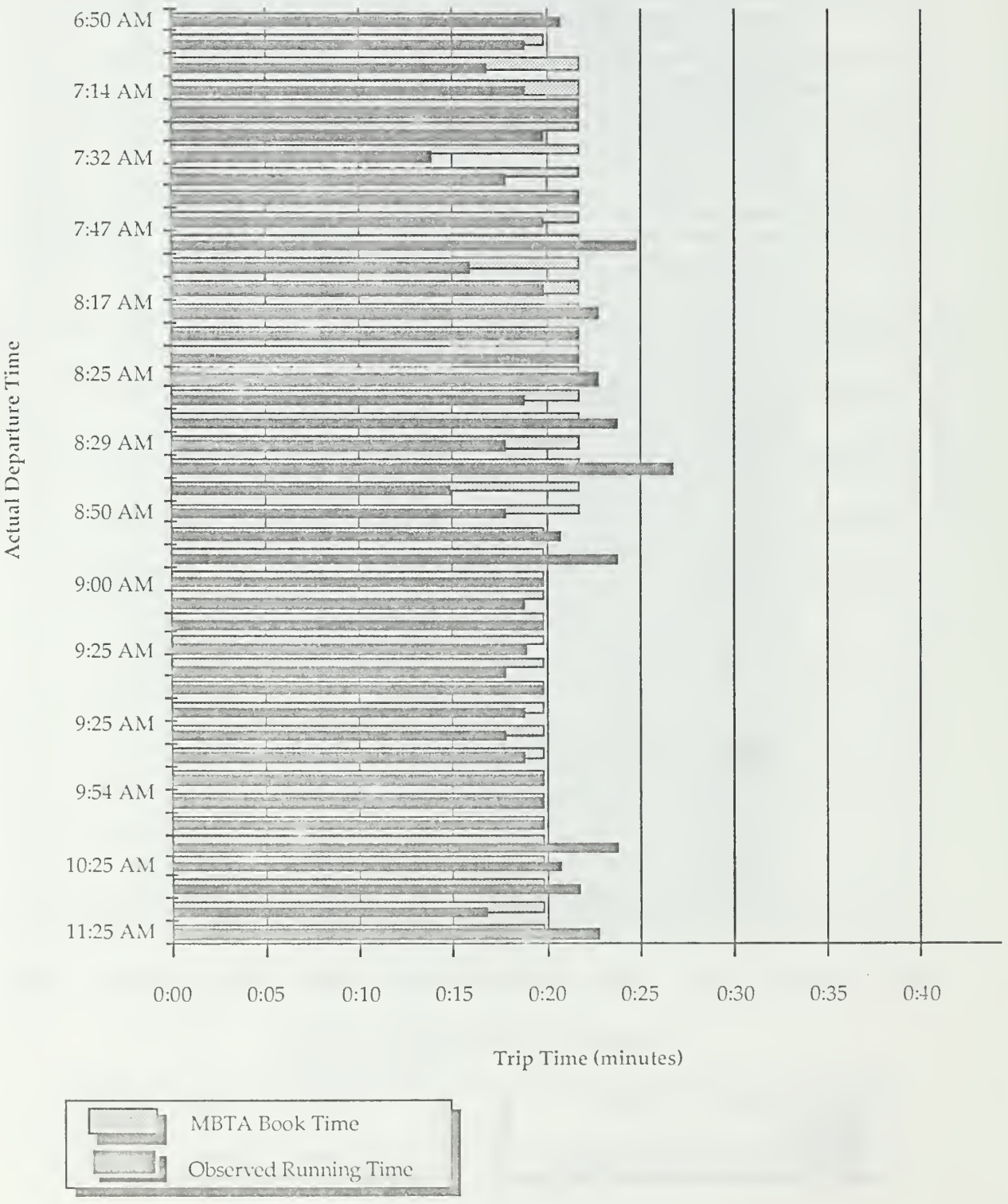
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 302 Outbound (Copley Square - Watertown Square)



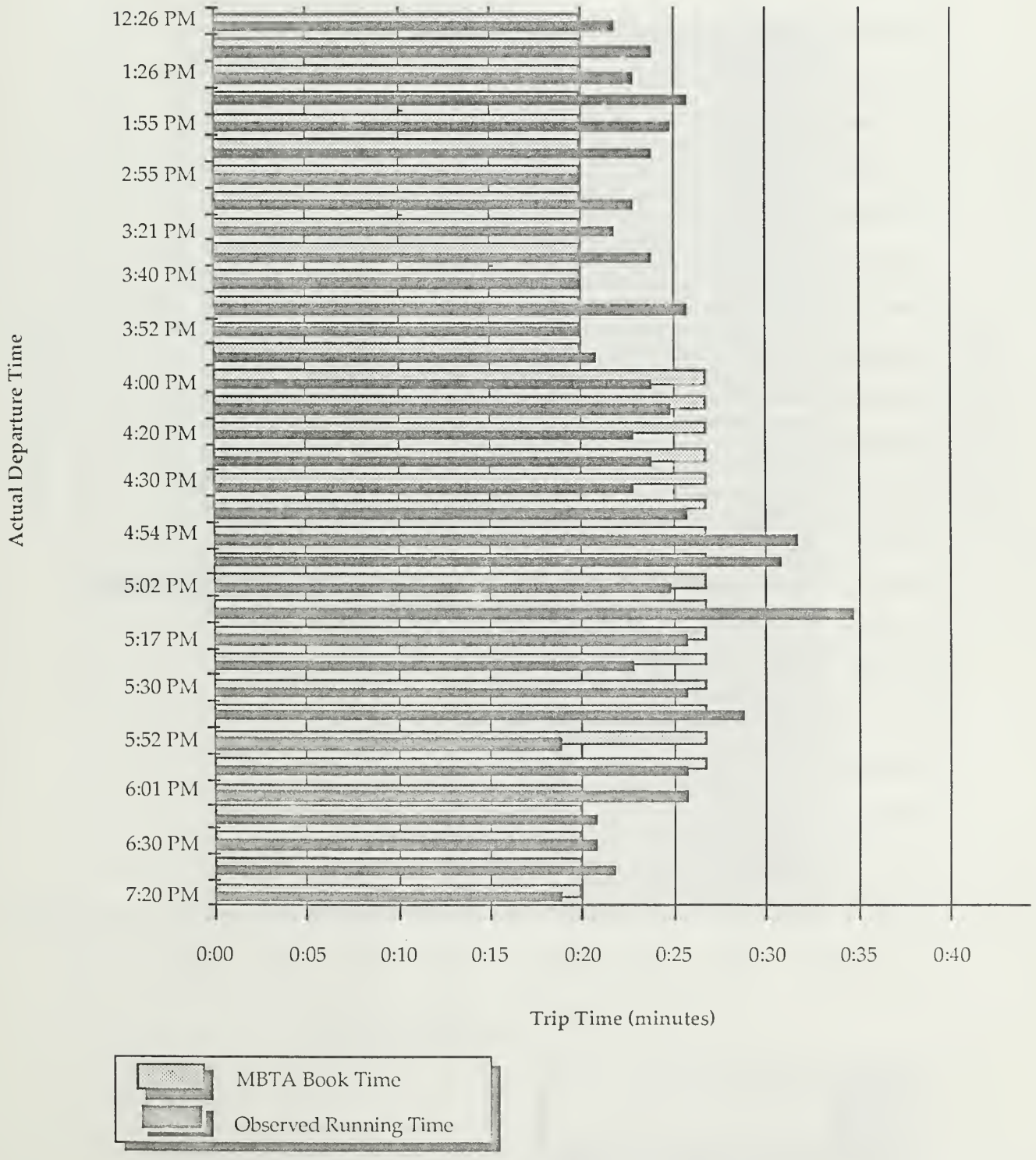
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 304 Oubound (Downtown Boston - Watertown Sq)
6:50 AM to 11:59 AM



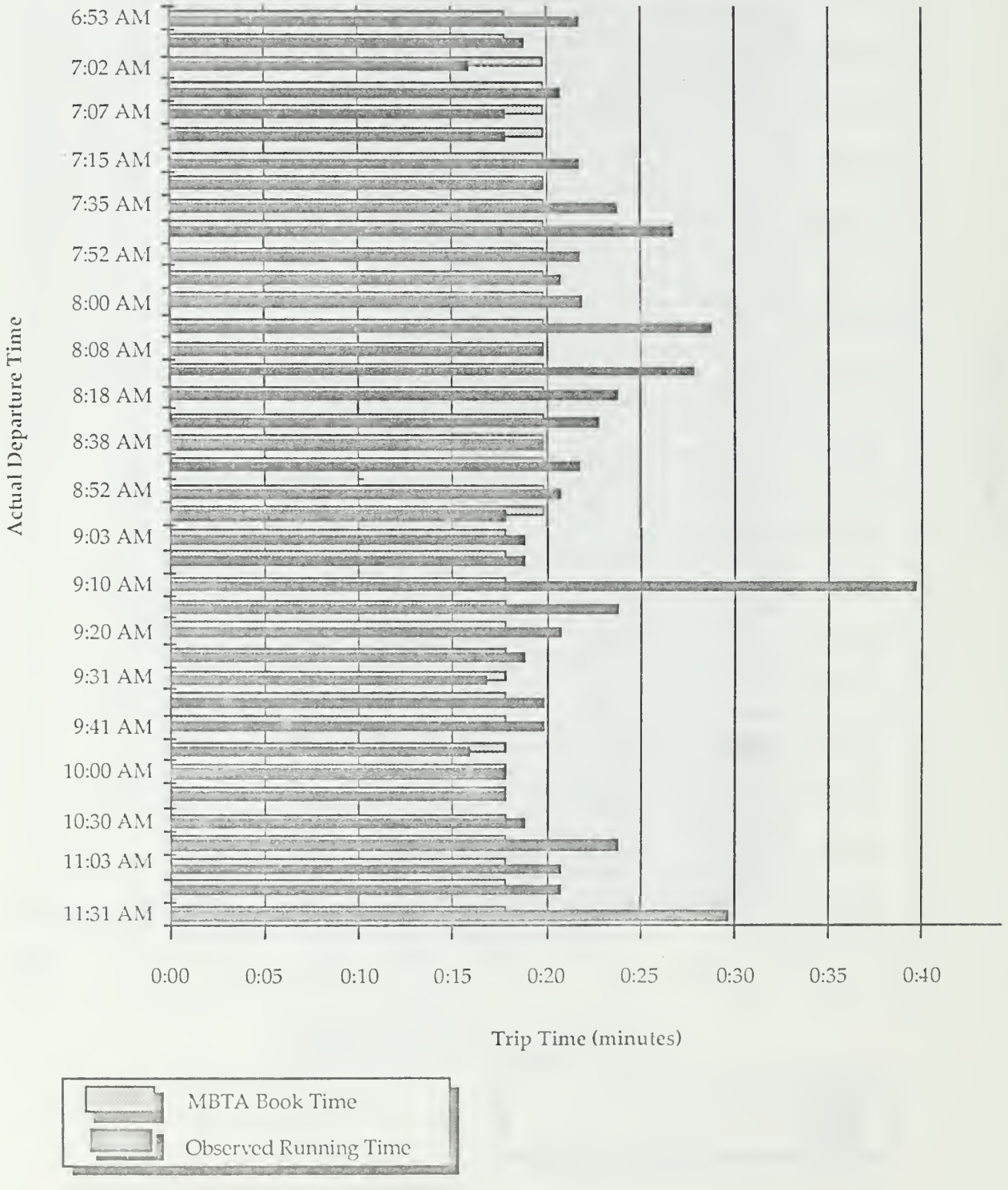
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 304 Outbound (Downtown Boston - Watertown Sq)
12 Noon - 7:20 PM



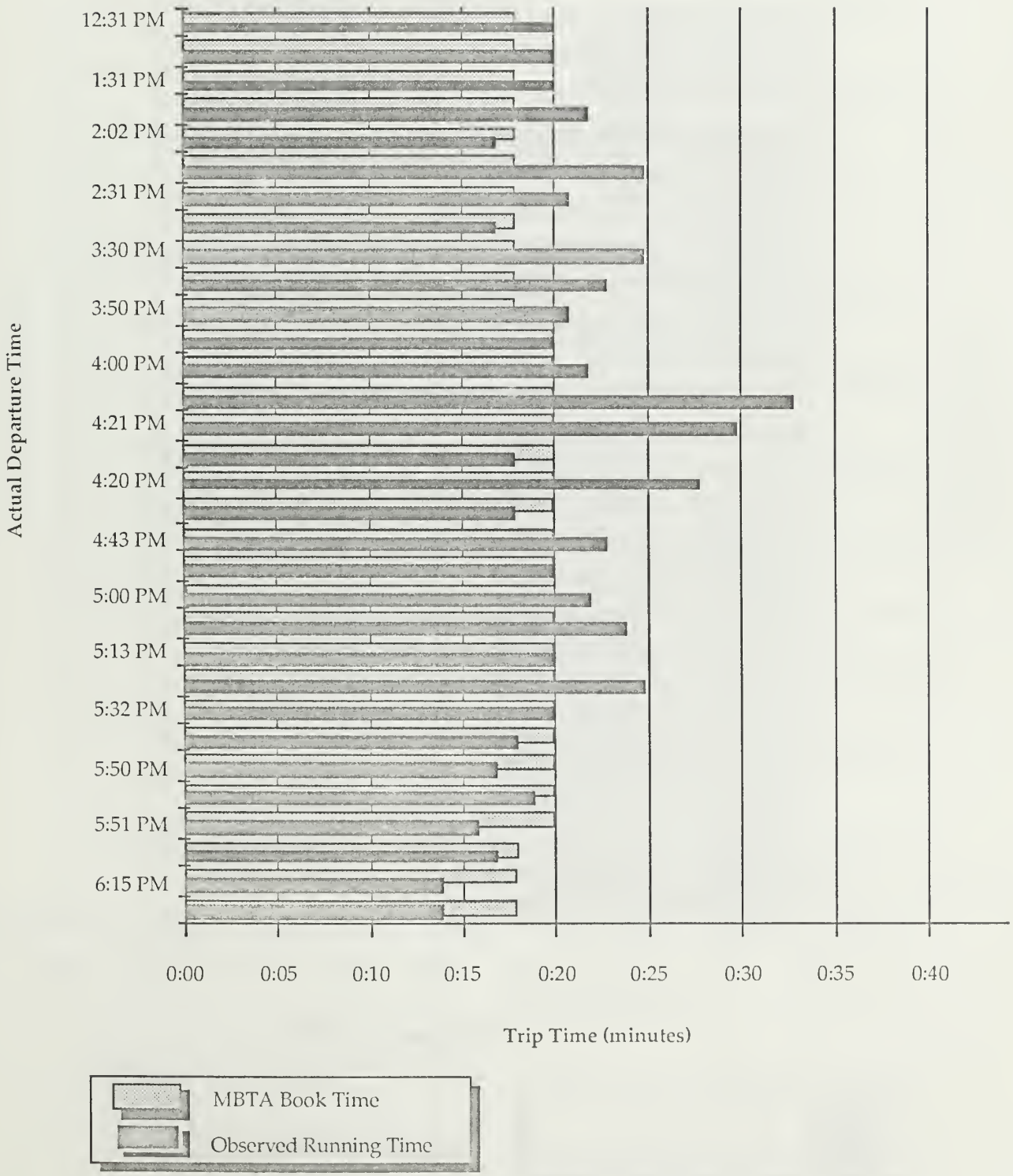
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 304 Inbound (Watertown Square - Downtown Boston)
6:53 AM - 11:59 AM



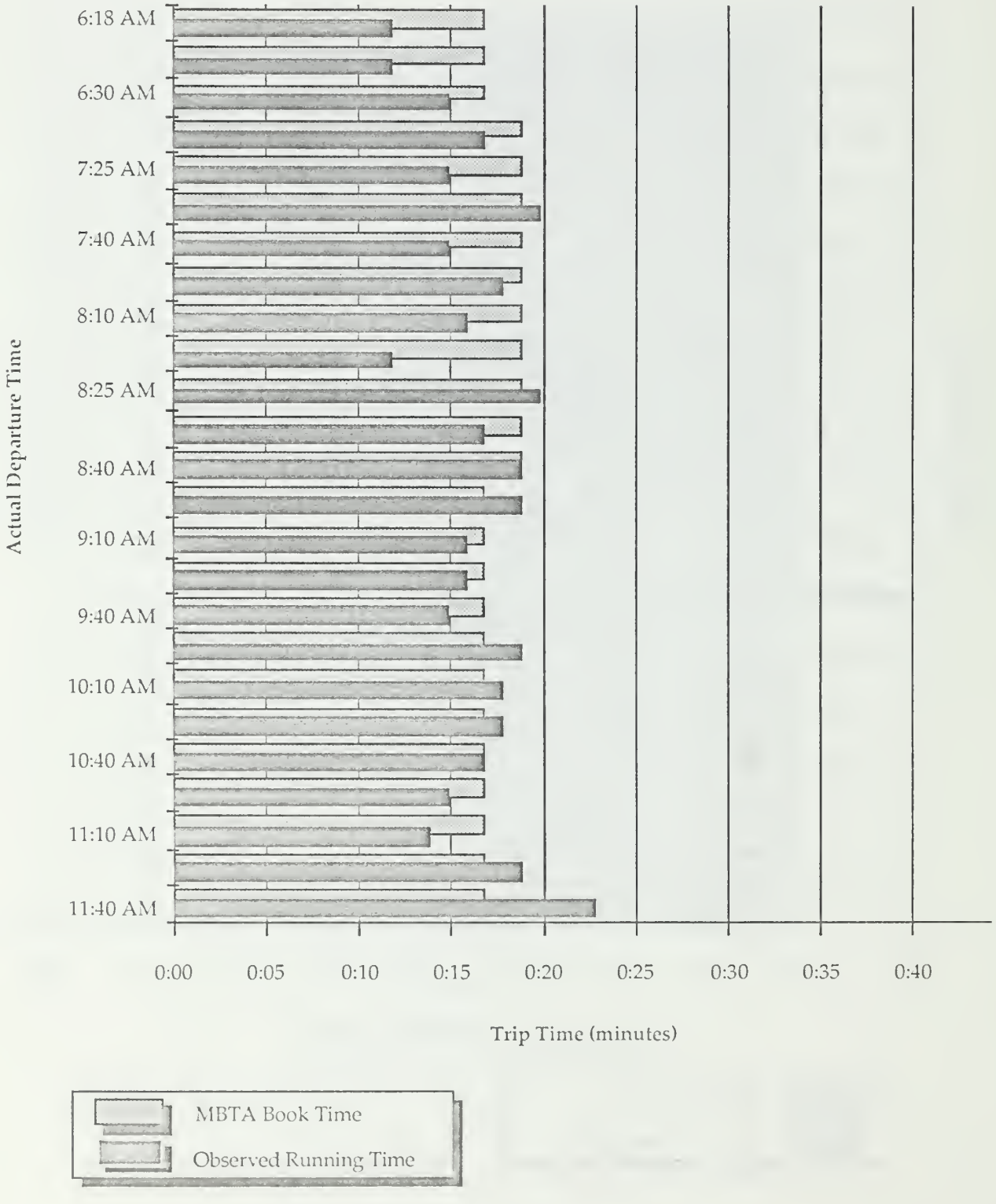
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 304 Inbound (Watertown Square - Downtown Boston)
12 Noon - 6:48 PM



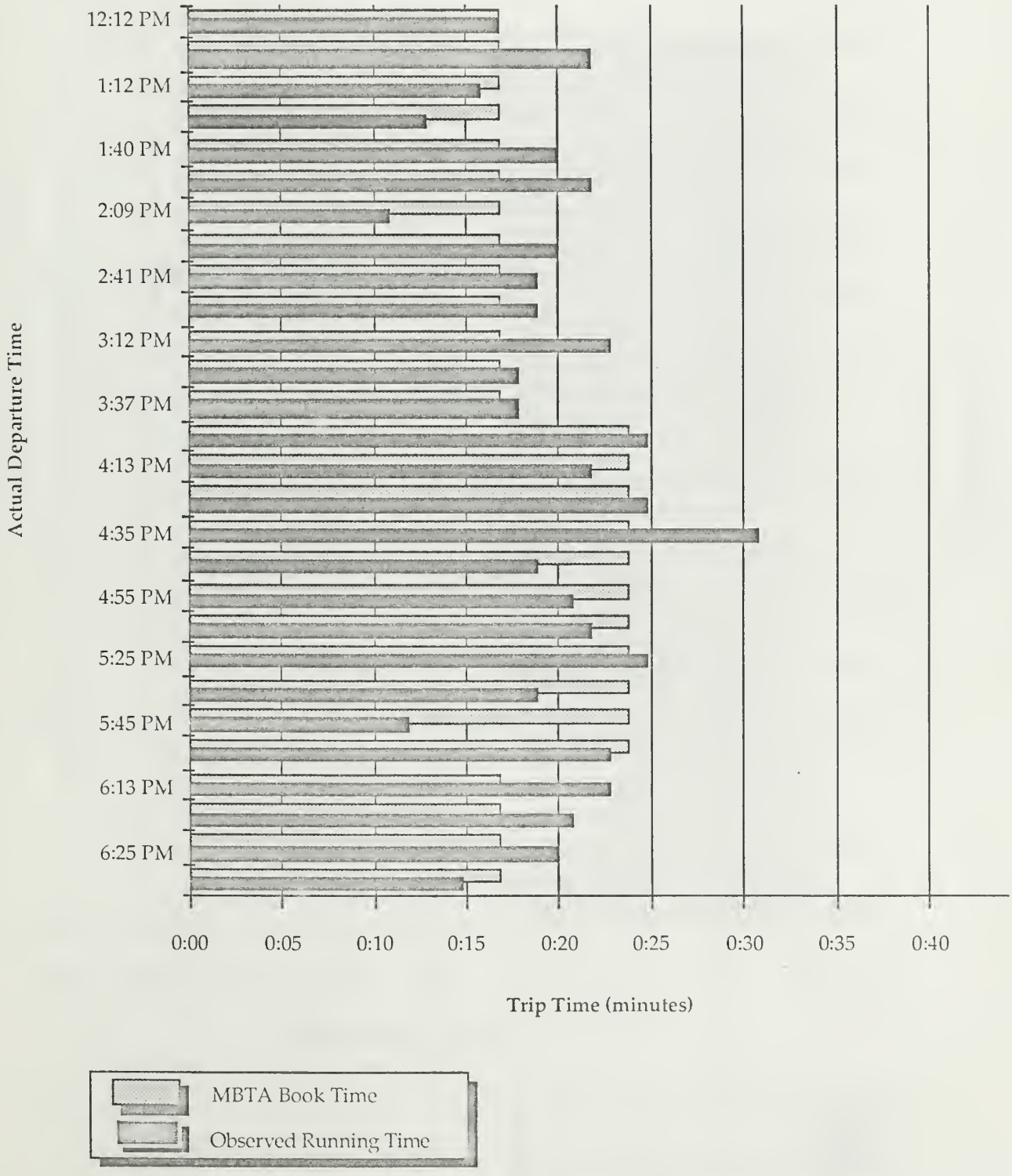
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 304.1 Outbound (Downtown Boston - Newton Corner)
6:18 AM - 11:59 AM



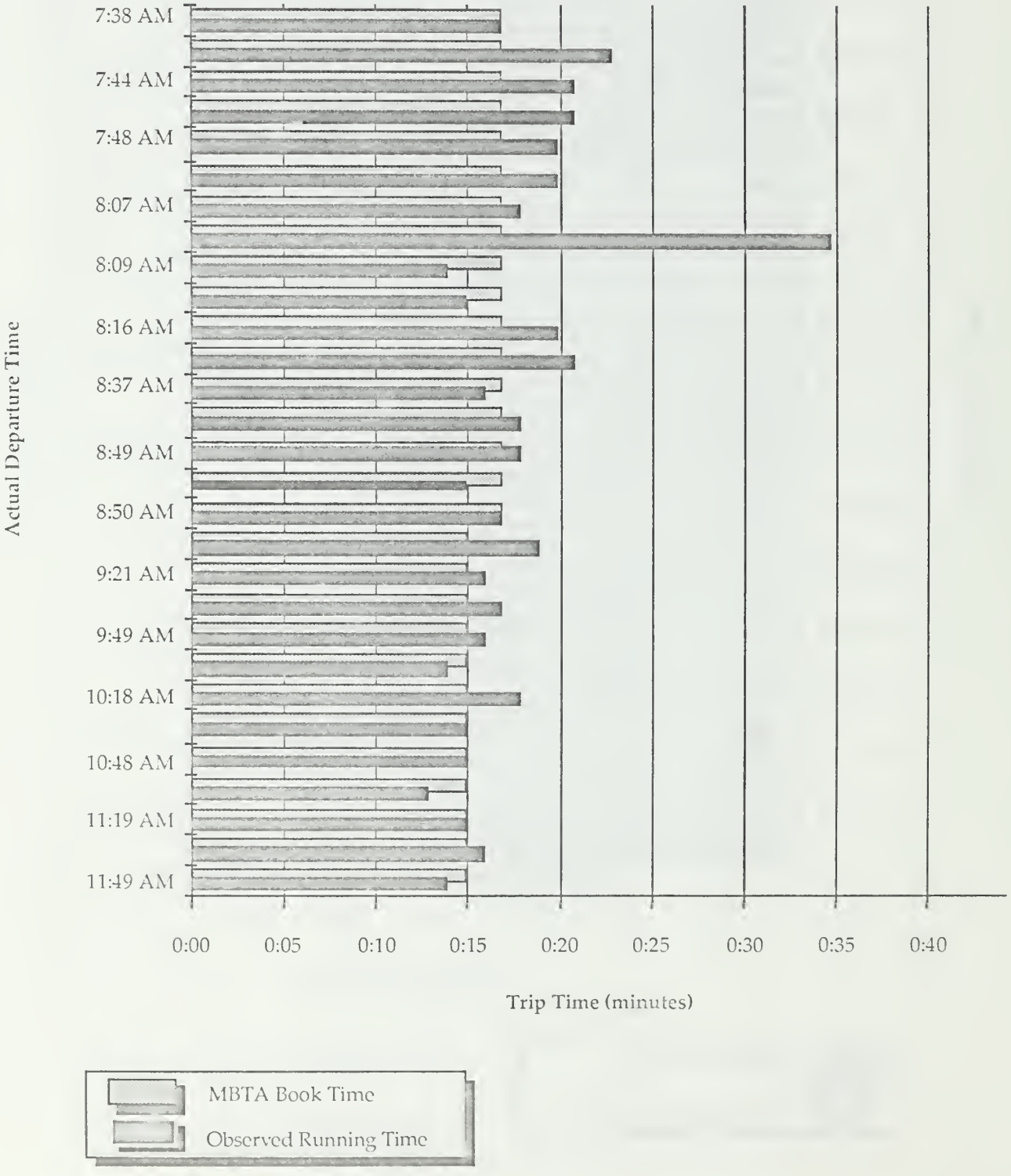
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 304.1 Outbound (Downtown Boston - Newton Corner)
12 Noon - 6:40 PM



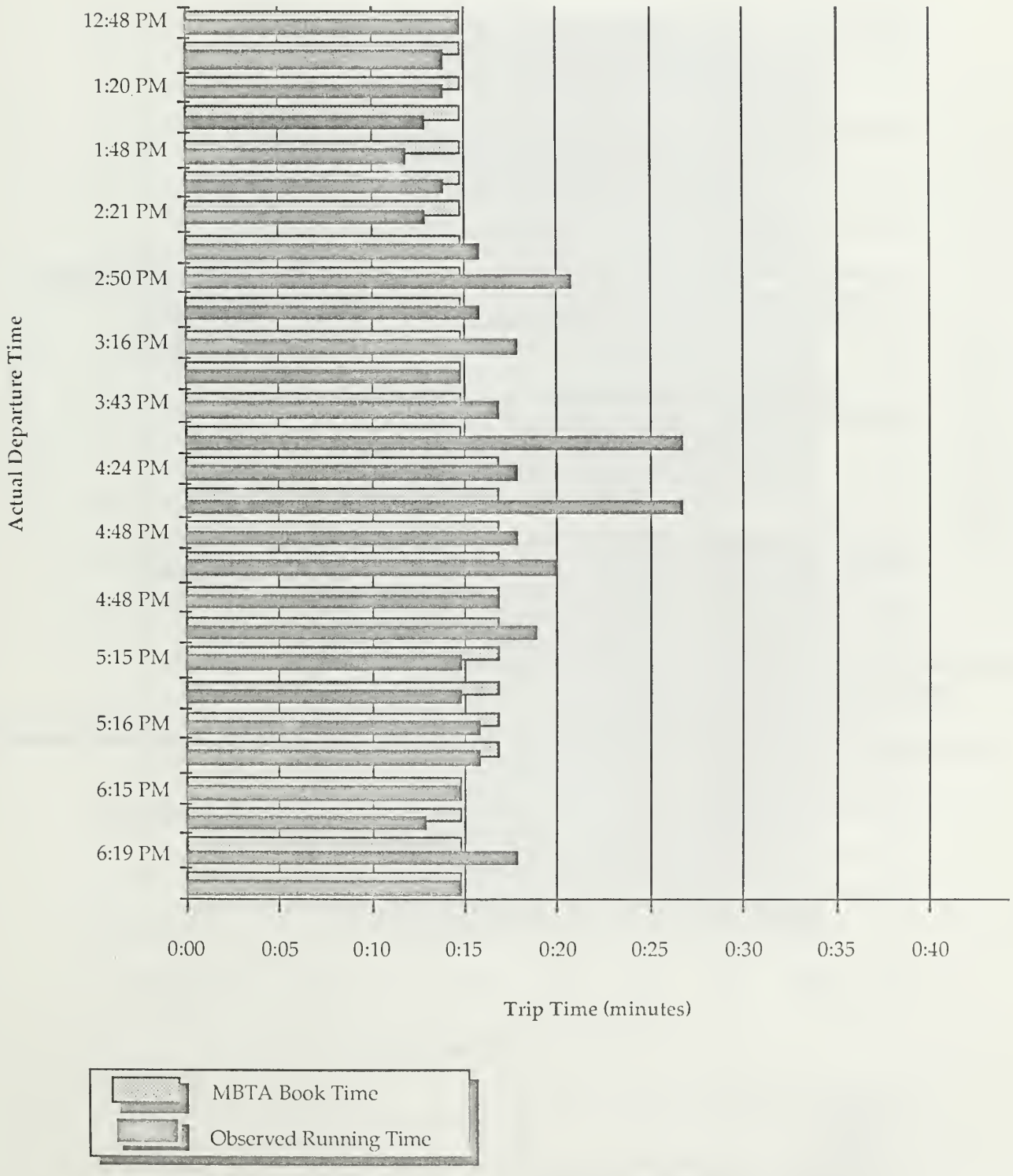
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 304.1 Inbound (Newton Corner - Downtown Boston)
7:38 AM - 11:59 AM



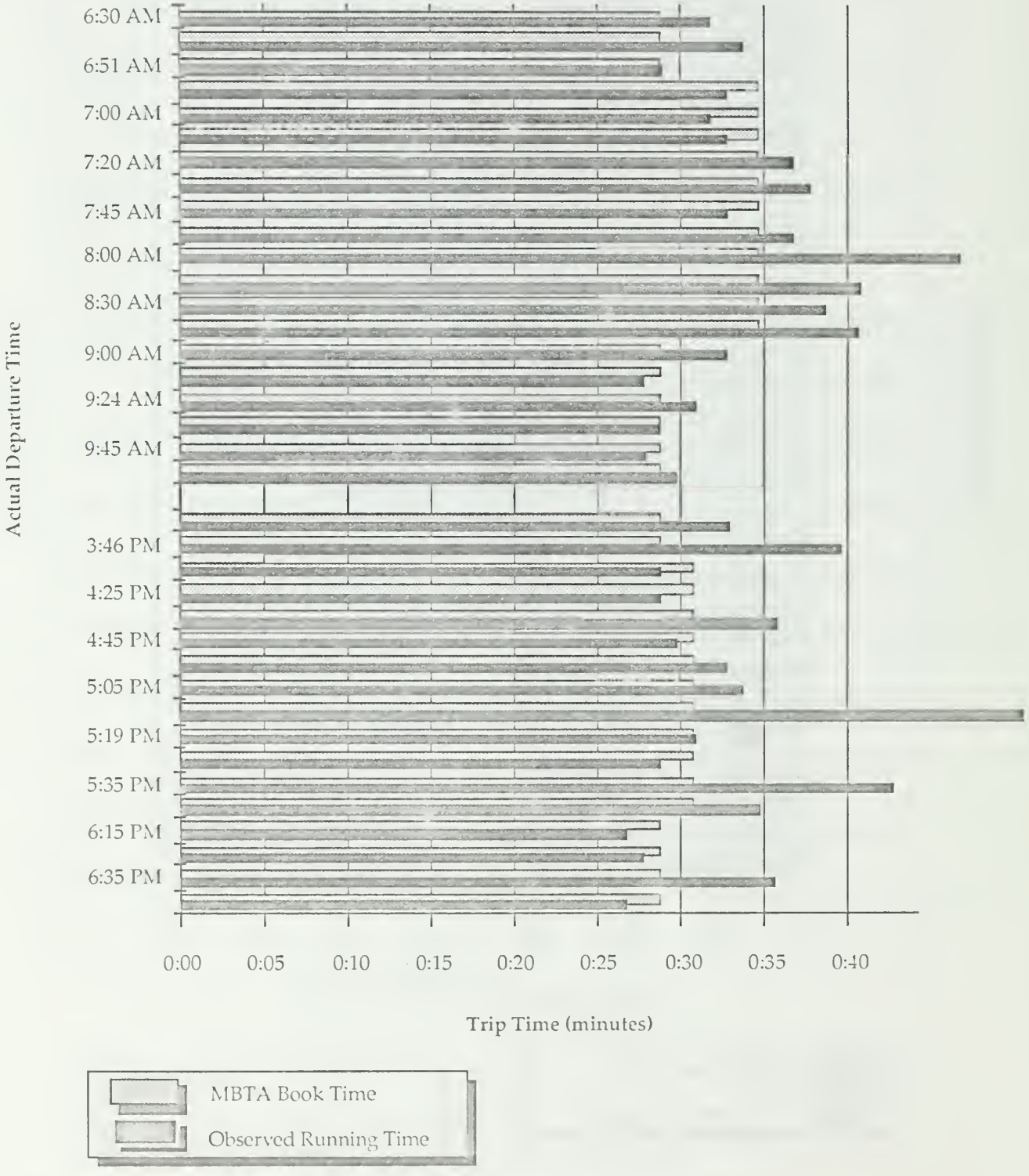
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 304.1 Inbound (Newton Corner - Downtown Boston)
12 Noon - 7:28 PM



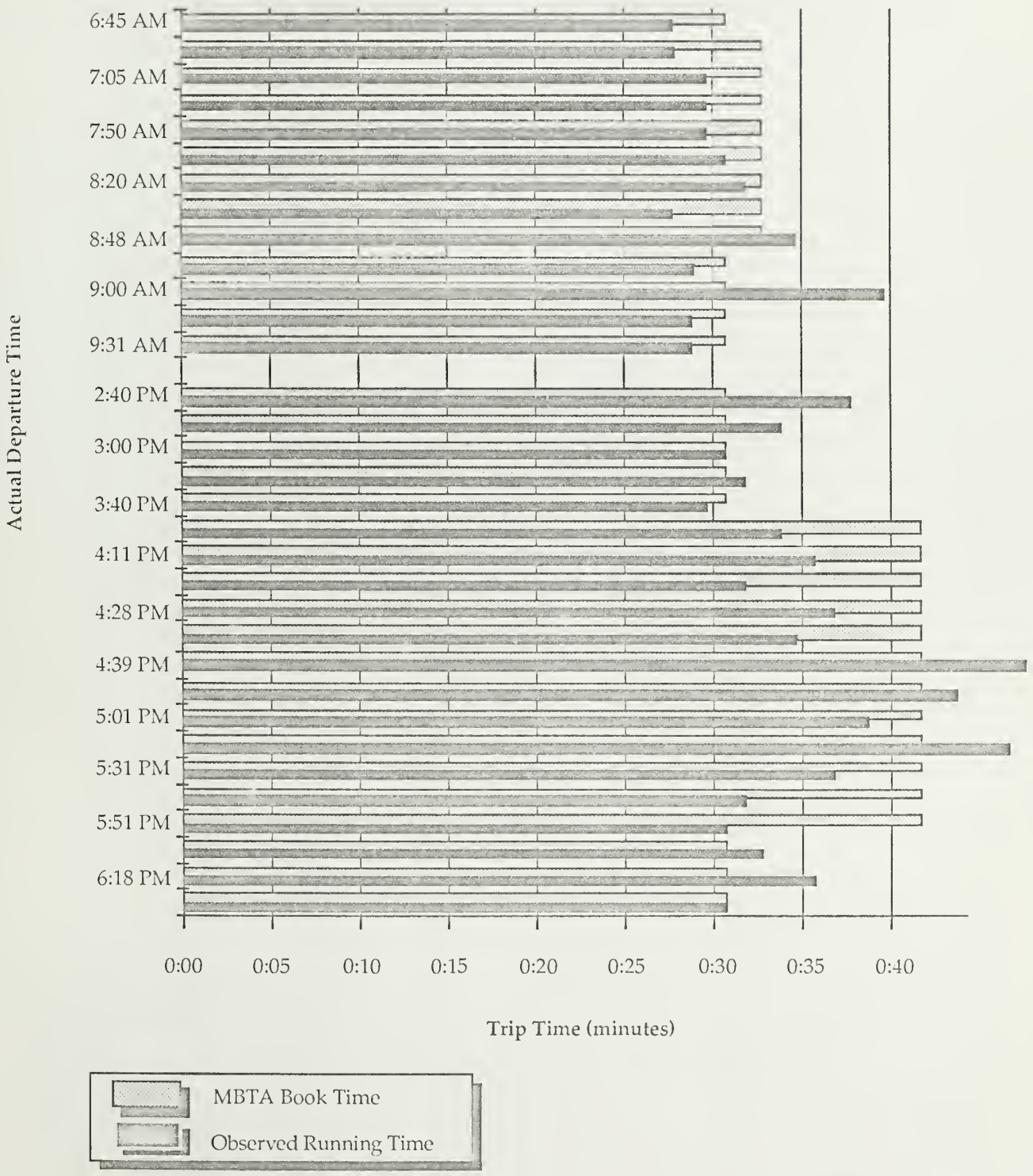
WESTBus

Observed Running Times Vs. MBTA Book Times
Route 305 Inbound (Waltham Center - Downtown Boston)



WESTBus

Observed Running Times Vs. MBTA Book Times
Route 305 Outbound (Downtown Boston - Waltham Center)



Description of Time Points Used in Calculation of Running Time Statistics

WESTBus

Description of Time Points Used in Vehicle Trip Time Statistics

	Stop Sequence Number	MBTA Stop Number	Stop Description
Route 52.0 (Charles River - Watertown Square via Oak Hill)			
Inbound			
Time Point #1	22	8480	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #2	46	8504	Centre St @ Beacon St (Newton Centre)
Time Point #3	59	9031	Washington St past library (Newton Corner)
Time Point #4	63	900	EOL, Watertown Yard
Outbound			
Time Point #1	5	903	Newton Corner (in front of Cahner's Publishing)
Time Point #2	18	8528	Centre St @ Beacon St (Newton Centre)
Time Point #3	40	8550	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #4	62	85574	EOL, Charles River Loop
Route 52.1 (Dedham Mall - Watertown Square via Oak Hill)			
Inbound			
Time Point #1	2	774	Spring St at Charles River Loop
Time Point #2	22	8480	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #3	46	8504	Centre St @ Beacon St (Newton Centre)
Time Point #4	59	9031	Washington St past library (Newton Corner)
Time Point #5	63	900	EOL, Watertown Yard
Outbound			
Time Point #1	5	903	Newton Corner (in front of Cahner's Publishing)
Time Point #2	18	8528	Centre St @ Beacon St (Newton Centre)
Time Point #3	40	8550	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #4	61	85574	Spring St opp Charles River Loop
Time Point #5	62	10832	EOL, Dedham Mall

	Stop Sequence Number	MBTA Stop Number	Stop Description
Route 52.3 (Charles River - Newton Corner via Oak Hill)			
Inbound			
Time Point #1	22	8480	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #2	46	8504	Centre St @ Beacon St (Newton Centre)
Time Point #3	60	903	EOL, Newton Corner (in front of Cahner's Pub)
Outbound			
Time Point #1	14	8528	Centre St @ Beacon St (Newton Centre)
Time Point #2	36	8550	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #3	58	85574	EOL, Spring St opp Charles River Loop
Route 52.4 (Charles River - Watertown Square via Meadowbrook)			
Outbound			
Time Point #1	5	903	Newton Corner (in front of Cahner's Publishing)
Time Point #2	18	8528	Centre St @ Beacon St (Newton Centre)
Time Point #3	39	8550	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #4	61	85574	EOL, Charles River Loop
Route 52.5 (Dedham Mall - Watertown Square via Meadowbrook)			
Inbound			
Time Point #1	2	774	Spring St at Charles River Loop
Time Point #2	22	8480	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #3	45	8504	Centre St @ Beacon St (Newton Centre)
Time Point #4	58	9031	Washington St past library (Newton Corner)
Time Point #5	62	900	EOL, Watertown Yard
Route 52.6 (Charles River - Watertown Square via Community Center)			
Inbound			
Time Point #1	22	8480	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #2	38	8504	Centre St @ Beacon St (Newton Centre)
Time Point #3	51	9031	Washington St past library (Newton Corner)
Time Point #4	55	900	EOL, Watertown Yard
Outbound			
Time Point #1	5	903	Newton Corner (in front of Cahner's Publishing)
Time Point #2	18	8528	Centre St @ Beacon St (Newton Centre)
Time Point #3	33	8550	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #4	55	85574	EOL, Charles River Loop

	Stop Sequence Number	MBTA Stop Number	Stop Description
Route 52.7 (Dedham Mall - Watertown Square via Community Center)			
Inbound			
Time Point #1	2	774	Spring St at Charles River Loop
Time Point #2	22	8480	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #3	38	8504	Centre St @ Beacon St (Newton Centre)
Time Point #4	51	9031	Washington St past library (Newton Corner)
Time Point #5	55	900	EOL, Watertown Yard
Outbound			
Time Point #1	5	903	Newton Corner (in front of Cahner's Publishing)
Time Point #2	18	8528	Centre St @ Beacon St (Newton Centre)
Time Point #3	33	8550	Wiswall Rd & Walsh Rd (Oak Hill)
Time Point #4	54	85574	Spring St opp Charles River Loop
Time Point #5	55	10832	EOL, Dedham Mall
Route 53 (Roberts - Newton Corner via Waltham Center)			
Inbound			
Time Point #1	7	7670	Hope St at Waltham Hospital entrance
Time Point #2	15	8696	Carter St at Train Station (Waltham Center)
Time Point #3	31	7622	Washington St @ Lucas Ct (West Newton)
Time Point #4	42	7631	Washington St after Walnut St (Newtonville)
Time Point #5	49	903	EOL, Newton Corner
Outbound			
Time Point #1	8	7645	Washington St @ Walnut St (Newtonville)
Time Point #2	15	7652	Elm St @ Washington St (West Newton)
Time Point #3	31	86944	Carter St @ Train Station (Waltham Center)
Time Point #4	39	88341	Hope St at Waltham Hospital entrance
Time Point #5	44	88346	EOL, Roberts

	Stop Sequence Number	MBTA Stop Number	Stop Description
Route 54.0 (Waverly Square - Newton Corner via Waltham Center)			
Inbound			
Time Point #1	12	7698	Beaver St opp Field Rd (S. Campus, Bentley Col)
Time Point #2	18	8696	Carter St @ Train Station (Waltham Center)
Time Point #3	27	7616	River St @ Lexington St
Time Point #4	34	7622	Washington at Lucas Ct (West Newton)
Time Point #5	45	7631	Washington after Walnut (Newtonville)
Time Point #6	52	903	EOL, Newton Corner (in front of Cahner's Pub)
Outbound			
Time Point #1	8	7645	Washington @ Walnut (Newtonville)
Time Point #2	15	7652	Elm @ Washington (West Newton)
Time Point #3	22	7658	River St @ Lexington St
Time Point #4	31	86944	Carter @ Train Station (Waltham Center)
Time Point #5	38	7497	Beaver St @ Field Rd (Bentley College)
Time Point #6	47	77054	EOL, Trapelo @ Church (Waverly Sq)
Route 56.0 (Waltham Highlands - Newton Corner via Waltham Center)			
Inbound			
Time Point #1	11	8696	Carter St @ Train Station (Waltham Center)
Time Point #2	27	8189	Walnut St @ Watertown St
Time Point #3	29	7631	Washington after Walnut (Newtonville)
Time Point #4	36	903	EOL, Newton Corner (in front of Cahner's Pub)
Outbound			
Time Point #1	8	7645	Washington @ Walnut (Newtonville)
Time Point #2	11	81681	Walnut St @ Watertown St
Time Point #3	27	86944	Carter @ Train Station (Waltham Center)
Time Point #4	39	7724	EOL, Tomlin St @ Summit
Route 56.1 (Waltham Highlands - Newton Corner via Waltham Center)			
Inbound			
Time Point #1	11	8696	Carter St @ Train Station (Waltham Center)
Time Point #2	27	8189	Walnut St @ Watertown St
Time Point #3	29	7631	Washington after Walnut (Newtonville)
Time Point #4	36	903	EOL, Newton Corner (in front of Cahner's Pub)

	Stop Sequence Number	MBTA Stop Number	Stop Description
Route 56.1 (cont.) (Waltham Highlands - Newton Corner via Waltham Center)			
Outbound			
Time Point #1	8	7645	Washington @ Walnut (Newtonville)
Time Point #2	11	81681	Walnut St @ Watertown St
Time Point #3	27	86944	Carter @ Train Station (Waltham Center)
Time Point #4	35	7759	EOL, Stow & Tavern Rd
Route 58.0 (Auburndale- Newton Corner via Waltham Center)			
Inbound			
Time Point #1	9	7838	Lexington St @ Rumford
Time Point #2	18	86944	Carter St @ Train Station (Waltham Center)
Time Point #3	40	903	EOL, Newton Corner (in front of Cahner's Pub)
Outbound			
Time Point #1	21	8696	Carter @ Train Station (Waltham Center)
Time Point #2	30	78201	Lexington St @ Rumford St
Time Point #3	38	7828	EOL, Comm Ave @ Marriot Hotel
Route 59.0 (Needham Junction - Watertown Square)			
Inbound			
Time Point #1	3	81437	Chapel St @ Great Plain Ave (Needham Center)
Time Point #2	18	8146	Oak St @ Chestnut (Newton Upper Falls)
Time Point #3	27	8155	Walnut St @ Lincoln (Newton Highlands)
Time Point #4	39	8166	Walnut St @ Newtonville Train Station
Time Point #5	42	81681	Walnut St @ Watertown St
Time Point #6	46	8171	Watertown St @ Chapel
Time Point #7	54	8178	EOL, Watertown Square
Outbound			
Time Point #1	10	8187	Watertown St @ Adams St
Time Point #2	12	8285	Watertown St @ Crafts St
Time Point #3	15	82853	Walnut St @ Newtonville Train Station
Time Point #4	28	8203	Walnut St @ Lincoln (Newton Highlands)
Time Point #5	38	8213	Oak St @ Chestnut (Newton Upper Falls)
Time Point #6	53	71852	Chestnut @ Great Plain Ave (Needham Center)
Time Point #7	55	91852	EOL, Needham Junction Train Station)

	Stop Sequence Number	MBTA Stop Number	Stop Description
Route 59.1 (Newton Highlands/NE Industrial Center- Watertown Square)			
Inbound			
Time Point #1	12	8155	Walnut St @ Lincoln (Newton Highlands)
Time Point #2	24	8166	Walnut St @ Newtonville Train Station
Time Point #3	27	81681	Walnut St @ Watertown St
Time Point #4	31	8171	Watertown St @ Chapel
Time Point #5	39	8178	EOL, Watertown Square
Outbound			
Time Point #1	10	8187	Watertown St @ Adams St
Time Point #2	12	8285	Watertown St @ Crafts St
Time Point #3	15	82853	Walnut St @ Newtonville Train Station
Time Point #4	28	8203	Walnut St @ Lincoln (Newton Highlands)
Time Point #5	39	82040	EOL, First St
Route 300 (Riverside - Downtown Boston)			
Inbound			
Time Point #1	2	6449	South St & Kneeland St
Time Point #2	5	6551	EOL, Federal & Franklin
Outbound			
Time Point #1	4	6554	Surface Artery @ Kneeland
Time Point #2	5	65555	EOL, Riverside Station
Route 301.0 AM Alignment (Brighton Center - Downtown Boston: Inbound via Newton Corner; Outbound via Cambridge St)			
Inbound			
Time Point #1	8	978	Washington @ Oak Square Loop
Time Point #2	17	987	Park St bef Newton Corner Rotary
Time Point #3	18	6549	South St at Kneeland St
Time Point #4	21	6551	EOL, Federal & Franklin
Outbound			
Time Point #1	4	6554	Surface Artery @ Kneeland
Time Point #2	5	1189	Cambridge St after Mass Pike Ramp
Time Point #3	18	994	EOL, Winship & Union

	Stop Sequence Number	MBTA Stop Number	Stop Description
Route 301.0 PM Alignment (Brighton Center - Downtown Boston: Inbound via Cambridge St; Outbound via Newton Corner)			
Inbound			
Time Point #1	13	1116	Cambridge St @ Mass Pike Ramp
Time Point #2	14	6549	South St @ Kneeland St
Time Point #3	17	6551	EOL, Federal & Franklin
Outbound			
Time Point #1	4	6554	Surface Artery @ Kneeland
Time Point #2	5	903	Newton Corner (in front of Cahner's Publishing)
Time Point #3	16	912	Tremont St @ Oak Square
Time Point #4	23	994	EOL, Winship & Union
Route 301.1 (Brighton Center - Downtown Boston)			
Inbound			
Time Point #1	8	978	Washington @ Oak Square Loop
Time Point #2	17	987	Park St bef Newton Corner Rotary
Time Point #3	18	6549	South St at Kneeland St
Time Point #4	21	6551	EOL, Federal & Franklin
Outbound			
Time Point #1	4	6554	Surface Artery @ Kneeland
Time Point #2	5	903	Newton Corner (in front of Cahner's Publishing)
Time Point #3	16	912	Tremont St @ Oak Square
Time Point #4	23	994	EOL, Winship & Union
Route 302 (Watertown Square - Copley Square)			
Inbound			
Time Point #1	5	903	Newton Corner (in front of Cahner's Publishing)
Time Point #2	10	8786	Huntington Ave @ Belvidere(Prudential T Station)
Time Point #3	15	7097	EOL, Boylston @ Dartmouth (Copley T Station)
Outbound			
Time Point #1	3	903	Newton Corner (in front of Cahner's Publishing)
Time Point #2	9	900	EOL, Watertown Yard

	Stop Sequence Number	MBTA Stop Number	Stop Description
Route 304 (Watertown Square - Downtown Boston)			
Inbound			
Time Point #1	5	903	Newton Corner (in front of Cahner's Publishing)
Time Point #2	8	6549	South St @ Kneeland
Time Point #3	11	6551	EOL, Federal & Franklin
Outbound			
Time Point #1	4	6554	Surface Artery @ Kneeland
Time Point #2	5	903	Newton Corner (in front of Cahner's Publishing)
Time Point #3	11	900	EOL, Watertown Yard
Route 304.1 (Newton Corner- Downtown Boston)			
Inbound			
Time Point #1	8	6549	South St @ Kneeland
Time Point #2	11	6551	EOL, Federal & Franklin
Outbound			
Time Point #1	4	6554	Surface Artery @ Kneeland
Time Point #2	5	903	EOL, Newton Corner (in front of Cahner's Publ)
Route 305 (Waltham Center- Downtown Boston)			
Inbound			
Time Point #1	11	78201	Lexington St @ Rumford St
Time Point #2	25	78220	Washington St @ Perkins (West Newton)
Time Point #3	26	6549	South St @ Kneeland
Time Point #4	11	6551	EOL, Federal & Franklin
Outbound			
Time Point #1	4	6554	Surface Artery @ Kneeland
Time Point #2	5	65541	Washington @ Prospect (West Newton)
Time Point #3	16	7838	Lexington St @ Rumford St
Time Point #4	25	86944	EOL, Carter St (in front of Train Station)

Current MBTA Book Times Compared to Estimated Book Times

WESTBus

Current MBTA Book Times Compared to Estimated Book Times for Segments Used in the West Corridor Bus Study (by Route and by Time Period)

Route 52.0 (Weekdays & Saturdays):

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Charles River - Oak Hill	7	7
2. Oak Hill - Newton Centre	12	12
3. Newton Centre - Newton Corner	10	10
4. Newton Corner - Watertown Yard	3	3
	32	32

WESTBus:
No Change

Route 52.1 (Weekdays & Saturdays):

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Dedham Mall - Charles River	5	5
2. Charles River - Oak Hill	7	7
3. Oak Hill - Newton Centre	12	12
4. Newton Centre - Newton Corner	10	10
5. Newton Corner - Watertown Yard	3	3
	37	37

WESTBus:
No Change

Route 52.3 (Weekdays):

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Charles River - Oak Hill	7	7
2. Oak Hill - Newton Centre	12	12
3. Newton Centre - Newton Corner	10	10
	29	29

WESTBus:
No Change

Route 52.4 (Weekdays):

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Charles River - Oak Hill	-	7
2. Oak Hill - Newton Ctr via MB	-	10
3. Newton Centre - Newton Corner	-	10
4. Newton Corner - Watertown Yard	-	3
	-	30

WESTBus:
No Change

Route 52.5 (Weekdays):

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Dedham Mall - Charles River	5	-
2. Charles River - Oak Hill	7	-
3. Oak Hill - Newton Ctr via MB	10	-
4. Newton Centre - Newton Corner	10	-
5. Newton Corner - Watertown Yard	3	-
	35	-
WESTBus:		
No Change		

Route 52.6 (Weekdays & Saturdays):

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Charles River - Oak Hill	7	7
2. Oak Hill - Newton Centre via CC	14	14
3. Newton Centre - Newton Corner	10	10
4. Newton Corner - Watertown Yard	3	3
	34	34
WESTBus:		
No Change		

Route 52.7 (Weekdays & Saturdays)

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Dedham Mall - Charles River	5	5
2. Charles River - Oak Hill	7	7
3. Oak Hill - Newton Centre via CC	14	14
4. Newton Centre - Newton Corner	10	10
5. Newton Corner - Watertown Yard	3	3
	39	39
WESTBus:		
No Change		

Route 53 (Weekdays & Saturdays)

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Roberts - Central Sq, Waltham	11	10
2. Central Sq - West Newton	10	9
3. West Newton - Newton Corner	10	9
	31	28
WESTBus:		
1. Roberts - Waltham Hospital	5	5
2. Waltham Hosp - Central Sq, Wal	6	5
3. Central Sq - West Newton	10	9
4. West Newton - Walnut St	5	5
5. Walnut St - Newton Corner	5	4
	31	28

Route 54 (Weekdays & Saturdays)

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Waverly - Central Sq, Waltham	16	15
2. Central Sq - West Newton	10	10
3. West Newton - Newton Corner	10	10
	36	35
WESTBus:		
1. Waverly - Bentley College	9	8
2. Bentley College - Central Sq	7	7
3. Central Sq - River/Lexington	6	6
4. River/Lex Sts - West Newton	4	4
5. West Newton - Walnut St	5	5
6. Walnut St - Newton Corner	5	5
	36	35

Route 56.0 (Weekdays & Saturdays)

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Tomlin & Summit - Central Sq	7	7
2. Central Sq - Newton Corner	20	20
	27	27
WESTBus:		
1. Tomlin & Summit - Central Sq	7	7
2. Central Sq - Walnut/Watertown	14	14
3. Walnut/Wat - Washington/Walnut	1	1
4. Wash/Walnut - Newton Corner	5	5
	27	27

Route 56.1 (Weekdays)

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Cedarwood - Central Sq	9	7
2. Central Sq - Newton Corner	20	20
	29	27
WESTBus:		
1. Cedarwood - Central Sq	9	7
2. Central Sq - Walnut/Watertown	14	14
3. Walnut/Wat - Washington/Walnut	1	1
4. Wash/Walnut - Newton Corner	5	5
	29	27

Route 58 (Weekdays & Saturdays)

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Auburndale - Central Sq	14	13
2. Central Sq - Newton Corner	14	14
	28	27
WESTBus:		
1. Aurburndale - Lexington/Rumford	5	5
2. Lex/Rumford - Central Square	9	8
3. Central Square - Newton Corner	14	14
	28	27

Route 59.0 (Weekdays & Saturdays)

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Needham Jct - Newton Upper Falls	15	17
2. Newt Upper Falls - Newton Highl	6	5
3. Newton Highlands - Newtonville	10	8
4. Newtonville - Watertown Square	7	7
	38	37
WESTBus:		
1. Needham Jct - Needham Ctr	2	2
2. Needham Ctr - Newton Upper Falls	13	15
3. Newt Upper Falls - Newton Highl	6	5
4. Newton Highlands - Newtonville	10	8
5. Newtonville - Walnut/Watertown	1	1
6. Walnut/Wat - Watertown/Chapel	1	1
7. Watertown/Chapel - Watertown Sq	5	5
	38	37

Route 59.1 (Weekdays)

	ALL DAY IN	ALL DAY OUT
Current MBTA:		
1. Newton Line - Newton Highlands	8	10
2. Newton Highlands - Newtonville	10	8
3. Newtonville - Watertown Square	7	7
	25	25
WESTBus:		
1. Newton Line - Newton Highlands	8	10
2. Newton Highlands - Newtonville	10	8
3. Newtonville - Walnut/Watertown	1	1
4. Walnut/Wat - Watertown/Chapel	1	1
5. Watertown/Chapel - Watertown Sq	5	5
	25	25

Route 300 (Weekdays)

	700 AM-859 AM IN	700 AM-859 AM OUT	900 AM-359 PM IN	900 AM-359 PM OUT	400 PM-559 PM IN	400 PM-559 PM OUT	600 PM-659 AM IN	600 PM-659 AM OUT
Current MBTA:								
1. Riverside - Kneeland St. Exit	18	18	18	18	16	18	16	18
2. Kneeland St - Federal/Franklin	6	8	4	6	6	8	4	6
	24	26	22	24	22	26	20	24

WESTBus:
No Change

Route 301.0 (Weekdays)	630 AM-1059 AM		230 PM-659 AM	
	IN	OUT	IN	OUT
Current MBTA:				
1. Brighton Centre - Newton Corner	8	-	-	11
2. Newton Corner - Kneeland St	11	-	-	11
3. Kneeland - Federal & Franklin	6	-	-	8
A. Brighton Ctr - Federal/Franklin	-	15	16	-
	25	15	16	30
WESTBus:				
1. Brighton Centre - Oak Square	4	-	-	5
2. Oak Square - Newton Corner	4	-	-	6
3. Newton Corner - Kneeland St	11	-	-	11
4. Kneeland St - Federal/Franklin	6	-	-	8
A. Federal/Franklin - Kneeland St	-	8	6	-
B. Kneeland St - Cambridge St	-	3	5	-
C. Cambridge St - Brighton Ctr	-	4	5	-
	25	15	16	30

Route 301.1 (Weekdays)	700 AM-859 AM		900 AM-359 PM		400 PM-559 PM		559 PM-659 AM	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT
Current MBTA:								
1. Brighton Centre - Newton Corner	8	11	8	11	8	11	8	11
2. Newton Corner - Kneeland St	11	11	11	11	11	11	11	11
3. Kneeland - Federal & Franklin	6	8	4	8	6	8	4	8
	25	30	23	30	25	30	23	30
WESTBus:								
1. Brighton Centre - Oak Square	4	5	4	5	4	5	4	5
2. Oak Square - Newton Corner	4	6	4	6	4	6	4	6
3. Newton Corner - Kneeland St	11	11	11	11	11	11	11	11
4. Kneeland St - Federal/Franklin	6	8	4	8	6	4	4	8
	25	30	23	30	25	30	23	30

Route 301.2 (Weekdays)	200 PM-659 AM	
	IN	OUT
Current MBTA:		
1. Brighton Centre - South Sta	18	-
	18	-
WESTBus:		
1. Brighton Cr - Camb St/Mass Pike	5	-
2. Camb St/Mass Pike - South Sta	13	-
	18	-

Route 302 (Weekdays & Saturdays)

	700 AM-859 AM		900 AM-359 PM		400 PM-659 AM	
	IN	OUT	IN	OUT	IN	OUT
Current MBTA:						
1. Watertown Yd - Newton Corner	3	3	3	3	3	3
2. Newton Corner - Prudential	11	-	11	-	11	-
3. Prudential - Copley Sq	4	-	4	-	4	-
4. Copley Sq - Newton Corner	-	11	-	11	-	11
	18	14	18	14	18	14

WESTBus:
No Change

Route 304 (Weekdays)

	700 AM-859 AM		900 AM-359 PM		400 PM-559 PM		600 PM-659 AM	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT
Current MBTA:								
1. Watertown Yd - Newton Corner	3	3	3	3	3	3	3	3
2. Newton Corner - Kneeland St	11	11	11	11	11	14	11	11
3. Kneeland St - Federal/Franklin	6	8	4	6	6	10	4	6
	20	22	18	20	20	27	18	20

WESTBus:
No Change

Route 304 (Saturdays)

	700 AM-359 PM		400 PM-559 PM		600 PM-659 AM	
	IN	OUT	IN	OUT	IN	OUT
Current MBTA:						
1. Watertown Yd - Newton Corner	3	3	3	3	3	3
2. Newton Corner - Kneeland St	11	11	11	14	11	11
3. Kneeland St - Federal/Franklin	5	7	4	9	5	7
	19	21	18	26	19	21

WESTBus:
No Change

Route 304.1 (Weekdays)

	700 AM-859 AM		900 AM-359 PM		400 PM-559 PM		600 PM-659 AM	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT
Current MBTA:								
1. Newton Corner - Kneeland St	11	11	11	11	11	14	11	11
2. Kneeland St - Federal/Franklin	6	8	4	6	6	10	4	6
	17	19	15	17	17	24	15	17

WESTBus:
No Change

Route 304.1 (Saturdays)	700 AM-359 PM		400 PM-559 PM		600 PM-659 AM	
	IN	OUT	IN	OUT	IN	OUT
Current MBTA:						
1. Newton Corner - Kneeland St	11	11	11	14	11	11
2. Kneeland St - Federal/Franklin	5	7	5	9	5	7
	16	18	16	23	16	18
WESTBus:						
No Change						

Route 305 (Weekdays)	700 AM-859 AM		900 AM-359 PM		400 PM-559 PM		600 PM-659 AM	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT
Current MBTA:								
1. Waltham Ctr - West Newton	17	13	13	13	13	17	13	13
2. West Newton - Kneeland St	13	12	12	12	12	15	12	12
3. Kneeland St - Federal/Franklin	5	8	4	6	6	10	4	6
	35	33	29	31	31	42	29	31
WESTBus:								
1. Waltham Ctr - Lexington/Rumford	7	6	6	6	6	7	6	6
2. Lex/Rumford - West Newton	10	7	7	7	7	10	7	7
3. West Newton - Kneeland St	13	12	12	12	12	15	12	12
4. Kneeland St - Federal/Franklin	5	8	4	6	6	10	4	6
	35	33	29	31	31	42	29	31

Weekday Vehicle Trip Time Summaries

WEEKDAY VEHICLE-TRIP TIME BY TIME PERIOD
SUMMARY STATISTICS

ROUTE	DIRECTION	TIMEPERIOD	RUNNING TIME - MEAN (STD) POINT #1	POINT #2	POINT #3	POINT #4	POINT #5	POINT #6	POINT #7	TOTAL	NO. TRIPS
52.0	OUTBOUND	ALL DAY	3.8(1.2)	8.5(2.6)	9.8(1.6)	11.2(1.9)	. (.)	. (.)	. (.)	33(5.0)	6
52.0	OUTBOUND	ALL DAY	3.8(1.2)	8.5(2.6)	9.8(1.6)	11.2(1.9)	. (.)	. (.)	. (.)	33(5.0)	6
52.0	INBOUND	ALL DAY	11.7(2.5)	9.7(0.9)	8.2(1.6)	4.1(1.2)	. (.)	. (.)	. (.)	33(3.7)	10
52.0	INBOUND	ALL DAY	11.7(2.5)	9.7(0.9)	8.2(1.6)	4.1(1.2)	. (.)	. (.)	. (.)	33(3.7)	10
52.1	OUTBOUND	ALL DAY	3.5(1.0)	8.0(1.9)	9.9(1.9)	9.1(1.7)	4.4(1.3)	. (.)	. (.)	35(2.9)	22
52.1	OUTBOUND	ALL DAY	3.5(1.0)	8.0(1.9)	9.9(1.8)	9.1(1.7)	4.4(1.3)	. (.)	. (.)	35(2.9)	22
52.1	INBOUND	ALL DAY	5.0(1.0)	8.7(1.5)	9.7(2.2)	8.1(1.4)	3.5(0.9)	. (.)	. (.)	35(3.7)	14
52.1	INBOUND	ALL DAY	5.0(1.0)	8.7(1.5)	9.7(2.2)	8.1(1.4)	3.5(0.9)	. (.)	. (.)	35(3.7)	14
52.3	OUTBOUND	ALL DAY	9.5(2.1)	12.0(4.2)	11.0(7.1)	. (.)	. (.)	. (.)	. (.)	33(13.4)	2
52.3	OUTBOUND	ALL DAY	9.5(2.1)	12.0(4.2)	11.0(7.1)	. (.)	. (.)	. (.)	. (.)	33(13.4)	2
52.3	INBOUND	ALL DAY	10.7(3.1)	13.0(2.6)	11.3(1.5)	. (.)	. (.)	. (.)	. (.)	35(2.0)	3
52.3	INBOUND	ALL DAY	10.7(3.1)	13.0(2.6)	11.3(1.5)	. (.)	. (.)	. (.)	. (.)	35(2.0)	3
52.4	OUTBOUND	ALL DAY	3.0(1.4)	9.0(.)	11.0(.)	9.0(0.0)	. (.)	. (.)	. (.)	31(0.0)	2
52.4	OUTBOUND	ALL DAY	3.0(1.4)	9.0(.)	11.0(.)	9.0(0.0)	. (.)	. (.)	. (.)	31(0.0)	2

WEEKDAY VEHICLE-TRIP TIME BY TIME PERIOD
SUMMARY STATISTICS

ROUTE	DIRECTION	TIMEPERIOD	RUNNING TIME - MEAN (STD) POINT #1	POINT #2	POINT #3	POINT #4	POINT #5	POINT #6	POINT #7	TOTAL	NO. TRIPS
52.5	INBOUND	ALL DAY	4.5(0.7)	11.0(0.0)	14.0(1.4)	8.0(0.0)	3.0(0.0)	. (.)	. (.)	41(2.1)	2
52.5	INBOUND	ALL DAY	4.5(0.7)	11.0(0.0)	14.0(1.4)	8.0(0.0)	3.0(0.0)	. (.)	. (.)	41(2.1)	2
52.6	OUTBOUND	ALL DAY	2.7(1.2)	7.3(0.6)	9.7(0.6)	8.3(2.5)	. (.)	. (.)	. (.)	28(2.6)	3
52.6	OUTBOUND	ALL DAY	2.7(1.2)	7.3(0.6)	9.7(0.6)	8.3(2.5)	. (.)	. (.)	. (.)	28(2.6)	3
52.6	INBOUND	ALL DAY	12.5(4.9)	11.0(1.4)	8.5(2.1)	3.5(2.1)	. (.)	. (.)	. (.)	36(3.5)	2
52.6	INBOUND	ALL DAY	12.5(4.9)	11.0(1.4)	8.5(2.1)	3.5(2.1)	. (.)	. (.)	. (.)	36(3.5)	2
52.7	OUTBOUND	ALL DAY	3.6(1.1)	7.9(1.6)	10.7(1.8)	8.8(4.6)	5.5(2.6)	. (.)	. (.)	37(3.4)	14
52.7	OUTBOUND	ALL DAY	3.6(1.1)	7.9(1.6)	10.7(1.8)	8.8(4.6)	5.5(2.6)	. (.)	. (.)	37(3.4)	14
52.7	INBOUND	ALL DAY	4.8(1.1)	8.4(1.7)	11.1(1.5)	7.6(0.7)	3.6(1.1)	. (.)	. (.)	36(2.9)	16
52.7	INBOUND	ALL DAY	4.8(1.1)	8.4(1.7)	11.1(1.5)	7.6(0.7)	3.6(1.1)	. (.)	. (.)	36(2.9)	16
53.0	OUTBOUND	ALL DAY	4.4(1.6)	4.4(1.3)	8.4(1.1)	8.9(2.3)	4.7(1.5)	. (.)	. (.)	31(5.3)	25
53.0	OUTBOUND	ALL DAY	4.4(1.6)	4.4(1.3)	8.4(1.1)	8.9(2.3)	4.7(1.5)	. (.)	. (.)	31(5.3)	25
53.0	INBOUND	ALL DAY	3.5(1.1)	8.4(2.5)	9.9(1.8)	5.5(1.2)	5.7(1.2)	. (.)	. (.)	32(4.4)	24
53.0	INBOUND	ALL DAY	3.5(1.1)	8.4(2.5)	8.9(1.8)	5.5(1.2)	5.7(1.2)	. (.)	. (.)	32(4.4)	24

WEEKDAY VEHICLE-TRIP TIME BY TIME PERIOD
SUMMARY STATISTICS

ROUTE	DIRECTION	TIMEPERIOD	RUNNING TIME - MEAN (STD) POINT #1	POINT #2	POINT #3	POINT #4	POINT #5	POINT #6	POINT #7	TOTAL	NO. TRIPS
54.0	OUTBOUND	ALL DAY	4.2(1.2)	4.7(2.3)	2.6(2.2)	5.7(1.5)	5.8(1.5)	6.8(1.4)	. (.)	30(4.2)	26
54.0	OUTBOUND	ALL DAY	4.2(1.2)	4.7(2.3)	2.6(2.2)	5.7(1.5)	5.8(1.5)	6.8(1.4)	. (.)	30(4.2)	26
54.0	INBOUND	ALL DAY	6.4(1.4)	5.7(1.5)	6.2(1.5)	3.1(1.0)	5.2(1.3)	5.6(1.8)	. (.)	33(3.9)	26
54.0	INBOUND	ALL DAY	6.4(1.4)	5.7(1.5)	6.2(1.5)	3.1(1.0)	5.2(1.3)	5.6(1.8)	. (.)	33(3.9)	26
56.0	OUTBOUND	ALL DAY	4.4(1.2)	1.6(0.6)	9.7(1.4)	7.9(1.6)	. (.)	. (.)	. (.)	24(2.6)	23
56.0	OUTBOUND	ALL DAY	4.4(1.2)	1.6(0.6)	9.7(1.4)	7.9(1.6)	. (.)	. (.)	. (.)	24(2.6)	23
56.0	INBOUND	ALL DAY	7.2(1.8)	9.9(1.7)	1.9(0.7)	5.7(2.5)	. (.)	. (.)	. (.)	24(4.0)	25
56.0	INBOUND	ALL DAY	7.2(1.8)	9.9(1.7)	1.9(0.7)	5.7(2.5)	. (.)	. (.)	. (.)	24(4.0)	25
56.1	OUTBOUND	ALL DAY	6.0(.)	2.0(.)	9.0(.)	10.0(.)	. (.)	. (.)	. (.)	27(.)	1
56.1	OUTBOUND	ALL DAY	6.0(.)	2.0(.)	9.0(.)	10.0(.)	. (.)	. (.)	. (.)	27(.)	1
56.1	INBOUND	ALL DAY	6.5(0.7)	11.5(2.1)	2.0(0.0)	6.0(0.0)	. (.)	. (.)	. (.)	26(1.4)	2
56.1	INBOUND	ALL DAY	6.5(0.7)	11.5(2.1)	2.0(0.0)	6.0(0.0)	. (.)	. (.)	. (.)	26(1.4)	2
58.0	OUTBOUND	ALL DAY	13.0(3.3)	8.1(1.4)	4.3(1.4)	. (.)	. (.)	. (.)	. (.)	26(4.4)	25
58.0	OUTBOUND	ALL DAY	13.0(3.3)	8.1(1.4)	4.3(1.4)	. (.)	. (.)	. (.)	. (.)	26(4.4)	25

WEEKDAY VEHICLE-TRIP TIME BY TIME PERIOD
SUMMARY STATISTICS

ROUTE	DIRECTION	TIMEPERIOD	RUNNING TIME - MEAN (STD) POINT #1	POINT #2	POINT #3	POINT #4	POINT #5	POINT #6	POINT #7	TOTAL	NO. TRIPS
58.0	INBOUND	ALL DAY	5.1(1.3)	7.1(1.4)	16.4(3.5)	.(.)	.(.)	.(.)	.(.)	29(4.3)	25
58.0	INBOUND	ALL DAY	5.1(1.3)	7.1(1.4)	16.4(3.5)	.(.)	.(.)	.(.)	.(.)	29(4.3)	25
59.0	OUTBOUND	ALL DAY	5.7(1.7)	1.4(0.6)	2.6(1.4)	7.3(2.1)	6.0(1.1)	10.1(1.9)	2.1(0.7)	35(4.6)	30
59.0	OUTBOUND	ALL DAY	5.7(1.7)	1.4(0.6)	2.6(1.4)	7.3(2.1)	6.0(1.1)	10.1(1.9)	2.1(0.7)	35(4.6)	30
59.0	INBOUND	ALL DAY	2.8(1.1)	10.4(1.6)	6.5(1.5)	7.1(1.3)	1.6(0.6)	3.4(2.0)	3.5(2.4)	35(3.0)	28
59.0	INBOUND	ALL DAY	2.8(1.1)	10.4(1.6)	6.5(1.5)	7.1(1.3)	1.6(0.6)	3.4(2.0)	3.5(2.4)	35(3.0)	28
59.1	OUTBOUND	ALL DAY	5.7(1.4)	1.6(0.6)	2.2(0.9)	7.3(1.5)	7.9(2.2)	.(.)	.(.)	25(4.2)	15
59.1	OUTBOUND	ALL DAY	5.7(1.4)	1.6(0.6)	2.2(0.9)	7.3(1.5)	7.9(2.2)	.(.)	.(.)	25(4.2)	15
59.1	INBOUND	ALL DAY	6.7(1.8)	7.1(1.5)	1.8(0.7)	2.5(0.8)	3.4(1.1)	.(.)	.(.)	22(4.1)	14
59.1	INBOUND	ALL DAY	6.7(1.8)	7.1(1.5)	1.8(0.7)	2.5(0.8)	3.4(1.1)	.(.)	.(.)	22(4.1)	14
300.0	OUTBOUND	ALL DAY	5.5(1.9)	20.0(3.6)	.(.)	.(.)	.(.)	.(.)	.(.)	26(5.0)	47
300.0	OUTBOUND	700-959A	5.8(1.9)	20.0(4.1)	.(.)	.(.)	.(.)	.(.)	.(.)	26(5.5)	12
300.0	OUTBOUND	900A-359P	6.0(1.7)	21.0(.)	.(.)	.(.)	.(.)	.(.)	.(.)	30(.)	5
300.0	OUTBOUND	400-559P	5.5(2.1)	20.7(3.8)	.(.)	.(.)	.(.)	.(.)	.(.)	28(4.8)	22
300.0	OUTBOUND	600P-659A	4.5(1.5)	18.3(2.3)	.(.)	.(.)	.(.)	.(.)	.(.)	24(4.0)	8
300.0	INBOUND	ALL DAY	21.6(3.7)	4.5(1.7)	.(.)	.(.)	.(.)	.(.)	.(.)	26(3.7)	41
300.0	INBOUND	700-859A	22.7(3.5)	4.1(1.5)	.(.)	.(.)	.(.)	.(.)	.(.)	27(2.9)	15
300.0	INBOUND	900A-359P	20.0(0.0)	4.0(1.4)	.(.)	.(.)	.(.)	.(.)	.(.)	25(2.5)	2
300.0	INBOUND	400-559P	20.7(4.3)	4.9(1.8)	.(.)	.(.)	.(.)	.(.)	.(.)	25(4.6)	19

WEEKDAY VEHICLE-TRIP TIME BY TIME PERIOD
SUMMARY STATISTICS

ROUTE	DIRECTION	TIMEPERIOD	RUNNING TIME - MEAN (STD) POINT #1	POINT #2	POINT #3	POINT #4	POINT #5	POINT #6	POINT #7	TOTAL	NO. TRIPS
300.0	INBOUND	600P-659A	17.0(.)	4.3(2.1)	. (.)	. (.)	. (.)	. (.)	. (.)	19(0.0)	4
301.0	OUTBOUND	630-1059A	4.3(1.9)	7.8(1.7)	7.6(2.1)	. (.)	. (.)	. (.)	. (.)	20(3.1)	24
301.0	OUTBOUND	230-559P	4.8(1.9)	14.0(4.2)	6.2(1.5)	6.4(1.5)	. (.)	. (.)	. (.)	31(6.7)	5
301.0	INBOUND	630-1059A	5.8(1.0)	4.1(1.3)	11.3(2.4)	3.7(2.0)	. (.)	. (.)	. (.)	25(3.6)	39
301.0	INBOUND	230-659P	7.6(2.4)	7.4(3.0)	4.2(1.6)	. (.)	. (.)	. (.)	. (.)	19(4.1)	5
301.1	OUTBOUND	ALL DAY	6.3(1.7)	11.4(2.4)	5.9(1.7)	6.4(1.4)	. (.)	. (.)	. (.)	30(4.0)	18
301.1	OUTBOUND	900A-359P	6.5(1.0)	10.8(1.9)	5.5(1.7)	6.8(0.5)	. (.)	. (.)	. (.)	30(1.0)	4
301.1	OUTBOUND	400-559P	6.8(1.6)	12.2(2.0)	5.8(1.6)	6.5(1.5)	. (.)	. (.)	. (.)	31(4.0)	12
301.1	OUTBOUND	600P-659A	3.5(0.7)	8.0(2.8)	7.5(2.1)	5.0(1.4)	. (.)	. (.)	. (.)	24(1.4)	2
301.1	INBOUND	ALL DAY	5.8(1.6)	5.6(3.8)	8.6(6.1)	6.4(3.9)	. (.)	. (.)	. (.)	26(5.8)	3
301.1	INBOUND	900A-359P	6.0(.)	12.0(.)	0.0(.)	4.0(.)	. (.)	. (.)	. (.)	22(.)	1
301.1	INBOUND	400-559P	6.3(1.5)	4.3(3.5)	9.8(5.8)	7.6(4.1)	. (.)	. (.)	. (.)	28(7.9)	6
301.1	INBOUND	600P-659A	4.0(1.4)	6.0(1.4)	11.0(.)	3.0(.)	. (.)	. (.)	. (.)	23(1.4)	2
302.0	OUTBOUND	ALL DAY	11.0(1.8)	5.7(1.9)	. (.)	. (.)	. (.)	. (.)	. (.)	17(2.4)	44
302.0	OUTBOUND	700-859A	10.5(1.1)	5.9(2.2)	. (.)	. (.)	. (.)	. (.)	. (.)	16(2.6)	9
302.0	OUTBOUND	900A-359P	11.1(2.2)	5.1(1.5)	. (.)	. (.)	. (.)	. (.)	. (.)	16(2.5)	23
302.0	OUTBOUND	400P-659A	11.1(1.2)	6.5(1.8)	. (.)	. (.)	. (.)	. (.)	. (.)	18(2.1)	13
302.0	INBOUND	ALL DAY	3.2(1.1)	14.3(3.0)	4.6(2.4)	. (.)	. (.)	. (.)	. (.)	22(4.2)	45

WEEKDAY VEHICLE-TRIP TIME BY TIME PERIOD
SUMMARY STATISTICS

ROUTE	DIRECTION	TIMEPERIOD	RUNNING TIME - MEAN (STD) POINT #1	POINT #2	POINT #3	POINT #4	POINT #5	POINT #6	POINT #7	TOTAL	NO. TRIPS
302.0	INBOUND	700-859A	3.4(0.9)	17.1(2.5)	5.4(4.5)	. (.)	. (.)	. (.)	. (.)	26(4.6)	9
302.0	INBOUND	900A-359P	3.2(1.3)	13.0(2.8)	4.4(1.7)	. (.)	. (.)	. (.)	. (.)	20(3.6)	25
302.0	INBOUND	400P-659A	3.0(0.8)	15.1(1.7)	4.4(1.3)	. (.)	. (.)	. (.)	. (.)	22(2.2)	11
304.0	OUTBOUND	ALL DAY	5.5(2.0)	11.6(2.5)	5.0(1.7)	. (.)	. (.)	. (.)	. (.)	22(3.7)	81
304.0	OUTBOUND	700-859A	5.3(1.9)	10.7(1.7)	4.3(1.8)	. (.)	. (.)	. (.)	. (.)	20(3.3)	22
304.0	OUTBOUND	900A-359P	5.3(2.2)	11.1(2.0)	5.0(1.6)	. (.)	. (.)	. (.)	. (.)	21(2.3)	34
304.0	OUTBOUND	400-559P	6.4(1.9)	13.8(2.9)	6.1(1.6)	. (.)	. (.)	. (.)	. (.)	26(4.0)	17
304.0	OUTBOUND	600P-659A	5.0(1.1)	11.4(2.6)	4.6(1.0)	. (.)	. (.)	. (.)	. (.)	21(3.1)	8
304.0	INBOUND	ALL DAY	3.6(1.2)	13.7(3.6)	3.9(2.0)	. (.)	. (.)	. (.)	. (.)	21(4.3)	74
304.0	INBOUND	700-859A	3.6(1.4)	14.3(2.1)	3.8(1.8)	. (.)	. (.)	. (.)	. (.)	22(3.4)	20
304.0	INBOUND	900A-359P	3.5(1.1)	13.7(4.1)	4.0(2.3)	. (.)	. (.)	. (.)	. (.)	21(4.7)	29
304.0	INBOUND	400-559P	3.8(1.3)	13.9(4.2)	4.3(2.1)	. (.)	. (.)	. (.)	. (.)	22(4.6)	19
304.0	INBOUND	600P-659A	3.3(1.2)	11.0(1.3)	2.8(1.0)	. (.)	. (.)	. (.)	. (.)	17(3.1)	6
304.1	OUTBOUND	ALL DAY	4.8(4.6)	13.7(5.1)	. (.)	. (.)	. (.)	. (.)	. (.)	19(4.0)	55
304.1	OUTBOUND	700-859A	5.5(1.2)	11.4(2.8)	. (.)	. (.)	. (.)	. (.)	. (.)	17(2.5)	10
304.1	OUTBOUND	900A-359P	3.9(6.2)	14.2(6.5)	. (.)	. (.)	. (.)	. (.)	. (.)	13(3.3)	26
304.1	OUTBOUND	400-559P	6.6(2.6)	15.5(2.9)	. (.)	. (.)	. (.)	. (.)	. (.)	22(4.8)	11
304.1	OUTBOUND	600P-659A	4.5(2.0)	12.4(3.4)	. (.)	. (.)	. (.)	. (.)	. (.)	17(4.1)	8
304.1	INBOUND	ALL DAY	13.0(2.6)	4.2(2.8)	. (.)	. (.)	. (.)	. (.)	. (.)	17(3.9)	60
304.1	INBOUND	700-859A	14.9(2.1)	4.3(3.6)	. (.)	. (.)	. (.)	. (.)	. (.)	19(4.6)	18
304.1	INBOUND	900A-359P	12.0(2.2)	3.9(2.7)	. (.)	. (.)	. (.)	. (.)	. (.)	16(3.0)	27
304.1	INBOUND	400-559P	13.0(2.8)	5.1(2.0)	. (.)	. (.)	. (.)	. (.)	. (.)	18(3.5)	10
304.1	INBOUND	600P-659A	11.2(2.7)	3.8(1.0)	. (.)	. (.)	. (.)	. (.)	. (.)	15(2.1)	5

WEEKDAY VEHICLE-TRIP TIME BY TIME PERIOD
SUMMARY STATISTICS

ROUTE	DIRECTION	TIMEPERIOD	RUNNING TIME - MEAN (STD) POINT #1	POINT #2	POINT #3	POINT #4	POINT #5	POINT #6	POINT #7	TOTAL	NO. TRIPS
305.0	OUTBOUND	ALL DAY	5.4(1.5)	14.8(3.1)	7.3(1.7)	5.3(2.3)	. (.)	. (.)	. (.)	34(5.2)	34
305.0	OUTBOUND	700-859A	6.0(1.9)	13.1(1.0)	6.3(1.4)	5.1(0.8)	. (.)	. (.)	. (.)	31(2.3)	9
305.0	OUTBOUND	900A-359P	5.1(1.5)	13.4(2.6)	7.4(2.1)	6.4(1.5)	. (.)	. (.)	. (.)	32(4.1)	9
305.0	OUTBOUND	400-559P	5.7(1.4)	16.8(3.6)	7.9(1.2)	7.3(3.2)	. (.)	. (.)	. (.)	38(5.9)	12
305.0	OUTBOUND	600P-659A	4.4(1.1)	15.2(2.2)	7.0(1.7)	5.2(0.4)	. (.)	. (.)	. (.)	32(2.9)	5
305.0	INBOUND	ALL DAY	8.2(1.6)	7.2(2.4)	14.2(2.4)	3.8(1.4)	. (.)	. (.)	. (.)	33(4.9)	37
305.0	INBOUND	700-859A	9.3(1.4)	8.3(1.9)	15.9(3.3)	3.8(1.3)	. (.)	. (.)	. (.)	37(4.6)	11
305.0	INBOUND	900A-359P	7.8(1.5)	5.7(1.1)	13.7(2.1)	4.3(1.9)	. (.)	. (.)	. (.)	32(4.0)	9
305.0	INBOUND	400-559P	8.1(1.7)	7.2(3.2)	13.6(1.4)	4.0(1.4)	. (.)	. (.)	. (.)	33(4.4)	10
305.0	INBOUND	600P-659A	7.4(1.2)	7.2(2.1)	13.0(0.6)	3.0(1.1)	. (.)	. (.)	. (.)	30(3.4)	8

Saturday Vehicle Trip Time Summaries

SATURDAY VEHICLE-TRIP TIMES--ALL DAY
SUMMARY STATISTICS

ROUTE	DIRECTION	TIMEPERIOD	RUNNING TIME - MEAN (STD) POINT #1	POINT #2	POINT #3	POINT #4	POINT #5	POINT #6	POINT #7	TOTAL	NO. TRIPS
52.0	OUTBOUND	.	2.7(0.6)	6.7(0.6)	8.3(0.6)	8.0(0.0)	. (.)	. (.)	. (.)	26(1.2)	3
52.0	OUTBOUND	ALL DAY	2.7(0.6)	6.7(0.6)	8.3(0.6)	8.0(0.0)	. (.)	. (.)	. (.)	26(1.2)	3
52.0	INBOUND	.	1.0(16.7)	15.8(13.5)	5.3(1.2)	3.3(0.6)	. (.)	. (.)	. (.)	28(2.6)	4
52.0	INBOUND	ALL DAY	1.0(16.7)	15.8(13.5)	5.3(1.2)	3.3(0.6)	. (.)	. (.)	. (.)	28(2.6)	4
52.1	OUTBOUND	.	2.8(0.4)	9.2(1.3)	8.4(1.7)	9.4(1.9)	6.0(1.7)	. (.)	. (.)	36(3.6)	5
52.1	OUTBOUND	ALL DAY	2.8(0.4)	9.2(1.3)	8.4(1.7)	9.4(1.9)	6.0(1.7)	. (.)	. (.)	36(3.6)	5
52.1	INBOUND	.	5.4(1.1)	8.0(0.7)	10.2(2.0)	7.4(1.5)	3.4(1.1)	. (.)	. (.)	34(3.4)	5
52.1	INBOUND	ALL DAY	5.4(1.1)	8.0(0.7)	10.2(2.0)	7.4(1.5)	3.4(1.1)	. (.)	. (.)	34(3.4)	5
52.6	OUTBOUND	.	3.0(.)	5.0(.)	10.0(.)	10.0(.)	. (.)	. (.)	. (.)	28(.)	1
52.6	OUTBOUND	ALL DAY	3.0(.)	5.0(.)	10.0(.)	10.0(.)	. (.)	. (.)	. (.)	28(.)	1
52.7	OUTBOUND	.	3.0(0.0)	7.3(1.5)	11.7(1.2)	10.7(3.5)	4.7(0.6)	. (.)	. (.)	37(6.1)	3
52.7	OUTBOUND	ALL DAY	3.0(0.0)	7.3(1.5)	11.7(1.2)	10.7(3.5)	4.7(0.6)	. (.)	. (.)	37(6.1)	3
52.7	INBOUND	.	6.0(1.0)	8.3(0.6)	11.7(2.1)	6.3(0.6)	2.7(0.6)	. (.)	. (.)	35(1.0)	3
52.7	INBOUND	ALL DAY	6.0(1.0)	8.3(0.6)	11.7(2.1)	6.3(0.6)	2.7(0.6)	. (.)	. (.)	35(1.0)	3

SATURDAY VEHICLE-TRIP TIMES -ALL DAY
SUMMARY STATISTICS

ROUTE	DIRECTION	TIMEPERIOD	RUNNING TIME - MEAN (STD) POINT #1	POINT #2	POINT #3	POINT #4	POINT #5	POINT #6	POINT #7	TOTAL	NO. TRIPS
53.0	OUTBOUND	.	4.8(2.0)	4.5(1.9)	9.1(1.6)	7.6(1.5)	4.5(1.1)	. (.)	. (.)	30(4.6)	13
53.0	OUTBOUND	ALL DAY	4.8(2.0)	4.5(1.9)	9.1(1.6)	7.6(1.5)	4.5(1.1)	. (.)	. (.)	30(4.6)	13
53.0	INBOUND	.	3.5(1.0)	7.2(1.1)	9.2(1.8)	5.0(1.2)	5.0(0.9)	. (.)	. (.)	30(2.6)	13
53.0	INBOUND	ALL DAY	3.5(1.0)	7.2(1.1)	9.2(1.8)	5.0(1.2)	5.0(0.9)	. (.)	. (.)	30(2.6)	13
54.0	OUTBOUND	.	4.3(1.6)	3.7(0.7)	3.4(1.0)	5.9(1.8)	5.1(1.1)	7.9(2.6)	. (.)	30(3.3)	10
54.0	OUTBOUND	ALL DAY	4.3(1.6)	3.7(0.7)	3.4(1.0)	5.9(1.8)	5.1(1.1)	7.9(2.6)	. (.)	30(3.3)	10
54.0	INBOUND	.	7.4(2.3)	5.8(1.2)	5.7(0.5)	3.8(2.8)	12.0(19.9)	4.6(1.8)	. (.)	33(4.5)	10
54.0	INBOUND	ALL DAY	7.4(2.3)	5.8(1.2)	5.7(0.5)	3.8(2.8)	12.0(19.9)	4.6(1.8)	. (.)	33(4.5)	10
56.0	OUTBOUND	.	4.5(1.4)	1.3(0.5)	8.3(1.1)	8.3(1.3)	. (.)	. (.)	. (.)	24(3.3)	13
56.0	OUTBOUND	ALL DAY	4.5(1.4)	1.3(0.5)	8.3(1.1)	8.3(1.3)	. (.)	. (.)	. (.)	24(3.3)	13
56.0	INBOUND	.	6.9(1.0)	8.3(1.4)	1.6(1.0)	7.2(4.8)	. (.)	. (.)	. (.)	25(4.5)	13
56.0	INBOUND	ALL DAY	6.9(1.0)	8.3(1.4)	1.6(1.0)	7.2(4.8)	. (.)	. (.)	. (.)	25(4.5)	13
58.0	OUTBOUND	.	10.8(2.4)	8.0(1.3)	5.9(1.8)	. (.)	. (.)	. (.)	. (.)	25(3.6)	11
58.0	OUTBOUND	ALL DAY	10.8(2.4)	8.0(1.3)	5.9(1.8)	. (.)	. (.)	. (.)	. (.)	25(3.6)	11
58.0	INBOUND	.	4.8(0.8)	6.4(2.1)	15.4(3.1)	. (.)	. (.)	. (.)	. (.)	27(3.1)	11

SATURDAY VEHICLE-TRIP TIMES -ALL DAY
SUMMARY STATISTICS

ROUTE	DIRECTION	TY	PERIOD	RUNNING TIME - MEAN (STD) POINT #1	POINT #2	POINT #3	POINT #4	POINT #5	POINT #6	POINT #7	TOTAL	NO. TRIPS
58.0	INBOUND		DAY	4.8(0.8)	6.4(2.1)	15.4(3.1)	. (.)	. (.)	. (.)	. (.)	27(3.1)	11
59.0	OUTBOUND		.	5.7(2.3)	1.5(0.5)	2.2(1.6)	6.6(1.9)	5.5(1.5)	9.0(2.5)	3.0(0.9)	34(4.4)	11
59.0	OUTBOUND	ALL	DAY	5.7(2.3)	1.5(0.5)	2.2(1.6)	6.6(1.9)	5.5(1.5)	9.0(2.5)	3.0(0.9)	34(4.4)	11
59.0	INBOUND		.	3.6(3.0)	9.6(1.7)	6.0(1.2)	23.9(57.0)	-16(56.6)	2.4(0.5)	4.0(0.9)	34(4.4)	10
59.0	INBOUND	ALL	DAY	3.6(3.0)	9.6(1.7)	6.0(1.2)	23.9(57.0)	-16(56.6)	2.4(0.5)	4.0(0.9)	34(4.4)	10
302.0	OUTBOUND		.	10.4(2.1)	4.0(1.0)	. (.)	. (.)	. (.)	. (.)	. (.)	14(2.0)	22
302.0	OUTBOUND	ALL	DAY	10.4(2.1)	4.0(1.0)	. (.)	. (.)	. (.)	. (.)	. (.)	14(2.0)	22
302.0	INBOUND		.	2.6(1.1)	13.2(2.4)	3.6(1.9)	. (.)	. (.)	. (.)	. (.)	20(4.4)	20
302.0	INBOUND	ALL	DAY	2.6(1.1)	13.2(2.4)	3.6(1.8)	. (.)	. (.)	. (.)	. (.)	20(4.4)	20
304.0	OUTBOUND		.	4.5(1.1)	11.0(1.6)	4.9(1.5)	. (.)	. (.)	. (.)	. (.)	20(2.2)	24
304.0	OUTBOUND	ALL	DAY	4.5(1.1)	11.0(1.6)	4.9(1.5)	. (.)	. (.)	. (.)	. (.)	20(2.2)	24
304.0	INBOUND		.	2.2(4.2)	11.8(2.7)	3.5(2.6)	. (.)	. (.)	. (.)	. (.)	17(3.9)	24
304.0	INBOUND	ALL	DAY	2.2(4.2)	11.8(2.7)	3.5(2.6)	. (.)	. (.)	. (.)	. (.)	17(3.9)	24

WESTBUS
SATURDAY VEHICLE-TRIP TIMES -ALL DAY
SUMMARY STATISTICS

ROUTE	DIRECTION	TIMEPERIOD	RUNNING TIME - MEAN (STD) POINT #1	POINT #2	POINT #3	POINT #4	POINT #5	POINT #6	POINT #7	TOTAL	NO. TRIPS
304.1	OUTBOUND	.	4.4(1.4)	12.4(2.1)	. (.)	. (.)	. (.)	. (.)	. (.)	17(2.9)	24
304.1	OUTBOUND	ALL DAY	4.4(1.4)	12.4(2.1)	. (.)	. (.)	. (.)	. (.)	. (.)	17(2.9)	24
304.1	INBOUND	.	11.7(3.4)	3.0(1.0)	. (.)	. (.)	. (.)	. (.)	. (.)	15(3.1)	24
304.1	INBOUND	ALL DAY	11.7(3.4)	3.0(1.0)	. (.)	. (.)	. (.)	. (.)	. (.)	15(3.1)	24

Assumed Schedules Used in Chapters 12 and 13
to Coordinate Service at
Waltham Center, Watertown Square and Newton Corner

WESTBus

Assumed Schedules for Integrated Schedules at Waltham Center, Watertown Square, and Newton Corner

Route 53/304.1

AM Peak - CT=120 min

		In	Out	Run
			705	4
x		635	735	1
x		705	805	2
x	=	735		3
x		805	905	4
	=	835		1
		905	1005	2
		1005	1105	4
		1105	1205	2

PM Peak - CT=120

		In	Out	Run
x	=		420	1
		350	450	2
x	=		520	3
	=	450	550	4
	=	550	650	2

Route 54/304.1

AM Peak - CT=120 min

		In	Out	Run
x			720	7
x	=	650		5
x		720	820	6
x	=	750	850	20
		835	935	7
		935	1035	6
		1035	1135	7

PM Peak - CT=120 min

		In	Out	Run
		305	405	5
x	=		435	6
		405	505	7
x	=		535	8
	=	505	605	5
	=	605	705	7

Rt 56/304.1

AM Peak - CT=90 min

		In	Out	Run
x			715	8
x		700	745	9
x		730	815	10
	=	800	845	8
		830	915	9
		910	1010	10
		1010	1110	9
		1110	1210	10

PM Peak - CT=120 min

		In	Out	Run
		310	410	9
x	=		440	10
		410	510	11
x	=		540	12
	=	510	610	9
	=	610	710	11

Rt 58/304.1

AM Peak - CT=120 min

		In	Out	Run
x			645	14
x		645	745	11
x	=	715		12
x		745	845	13
	=	815		14
		840	940	11
		940	1040	13
		1040	1140	11

PM Peak - CT=120 min

		In	Out	Run
x	=	325	425	13
		355	455	14
			525	15
x	=	455	555	16
	=			
	=	555	655	14

Route 302

AM Peak - CT=60

		In	Out	Run#
x			644	5
x			704	9
x		654	724	1
x		658	728	2
x		702	732	3
x		709	739	4
		717	747	5
x		724	754	6
x		728	758	7
x		732	802	8
		739	809	9
x	=	747	817	10
		754	824	1
		758	828	2
		802	832	3
x	=	805	835	11
		809	839	4
x	=	813	843	12
	=	817		5
x	=	820		13
	=	824	854	6
	=	828		7
	=	832		8
	=	839	909	9
	=	847		10
	=	854		1
	=	858		2
	=	902		3
	=	909		4

PM Peak - CT=60

		In	Out	Run#
x		300	330	1
x		330	400	2
x			415	3
x			420	4
		400	430	1
x			445	5
x		420	450	6
x	=	425	455	9
		430	500	2
x	=		507	7
		445	515	3
		450	520	4
x	=		522	8
		500	530	1
	=	515	545	5
		520	550	6
	=	530	600	2
	=	545	615	3
	=	550	620	4
	=	600	630	1
	=	615	650	6
	=	645	715	3

Route 304

AM Peak - CT=60

		In	Out	Run#
x			644	5
x			704	9
x		654	724	1
x		658	728	2
x		702	732	3
x		709	739	4
		717	747	5
x		724	754	6
x		728	758	7
x		732	802	8
		739	809	9
x	=	747	817	10
		754	824	1
		758	828	2
		802	832	3
x	=	805	835	11
		809	839	4
x	=	813	843	12
	=	817		5
x	=	820		13
	=	824	854	6
	=	828		7
	=	832		8
	=	839	909	9
	=	847		10
	=	854		1
	=	858		2
	=	902		3
	=	909		4

PM Peak - CT=60

		In	Out	Run#
x		300	330	1
x		330	400	2
x			415	3
x			420	4
		400	430	1
x			445	5
x		420	450	6
		430	500	2
x	=		507	7
		445	515	3
		450	520	4
x	=		522	8
		500	530	1
	=	515	545	5
		520	550	6
	=	530	600	2
	=	545	615	3
	=	550	620	4
	=	600	630	1
	=	615	650	6
	=	645	715	3

1/20/88

Rt 305

AM Peak - CT=75 min

	In	Out	Run
x		650	19
x	625	705	15
x	655	735	16
x	710	750	17
	725	805	19
x	740	820	15
	755	835	18
	810	850	16
	825	905	17
=	840		19
	855	935	15
	910	950	18
	940		17
	1010		15

PM Peak - CT=90 min

	In	Out	Run
x	315	400	16
x		415	17
x	345	430	18
x		445	19
x	415	500	20
x		515	21
	445	530	16
=	500	545	17
=	515	600	18
=	530	615	19
=	545	630	20
=	615	700	16

F 1980 US Census Journey-to-Work Data

Appendix F contains data on work trip travel patterns based on the 1980 U.S. Census. This includes:

1. Population and Employment Characteristics of the WESTBus Area

2. 1980 Journey-to-Work Trips Between WESTBus Subareas, Including Trips to and from Boston

3. 1980 Journey-to Work Trips Between Areas Directly Served by Individual Routes defined as trips with both ends within one-quarter of a mile of the route. Data is included for each WESTBus route (excluding Route 300, which has only one outer end stop at Riverside), and for each alternative alignment discussed in the report. These figures represent the markets directly served by each route.

For each category, data is presented in terms of the total number of work trips made on all modes (excluding work at home) and by transit, and the transit mode split.

The WESTBus subareas, by which data is broken down, consist of one or more census tracts. The census tracts and corresponding subareas are as listed below and as shown in Figures F-1 and F-2.

City/Town/Subarea	Census Tracts
Belmont	
Waverley	3576, 3578
Boston	
South Allston-Brighton	1, 2.01, 2.02, 4, 6.01, 6.02, 7.01, 7.02
West Roxbury	
Dedham	
(Not sub-divided)	4021, 4024, 4025
Needham	
(Not sub-divided)	4031, 4032, 4033, 4034, 4035
Newton	
North	3731, 3732, 3733, 3746, 3747
South	3739, 3740, 3741
East	3734, 3735, 3736, 3737, 3738
West	3742, 3743, 3644, 3748
Waltham	

Central	3683, 3689, 3690, 3691
North	3682
South	3684, 3685, 3686, 3687, 3688
Watertown	
West	3701
South	3704

To determine the number of trips directly served by a particular route, it was assumed that the percentage of trips between census tracts served by the route would correspond to the percentages of the tracts' areas that were within one-quarter of a mile of the route. In addition, adjustments were also made to account for large areas of open space or land used for other purposes where the number of residents or jobs would not correspond to size, such as cemeteries or rail freight yards. For each route, the specific tracts and the percentage of the tract assumed served by each route are listed in the manner shown below:

	TO:			
FROM:	*Waverley*	*Watertown*	*TOTALS*	*(Census Tracts)*
Waverley				
All Modes		30	*30*	3701(30%)
By Transit		0	*0*	3702(50%)
% by Transit		0.0%	*0.0%*	3704(60%)
Watertown				
All Modes	18		*18*	3731(100%)
By Transit	0		*0*	
% by Transit	0.0%		*0.0%*	
TOTALS				
All Modes	*18*	*30*	*48*	
By Transit	*0*	*0*	*0*	
% by Transit	*0.0%*	*0.0%*	*0.0%*	

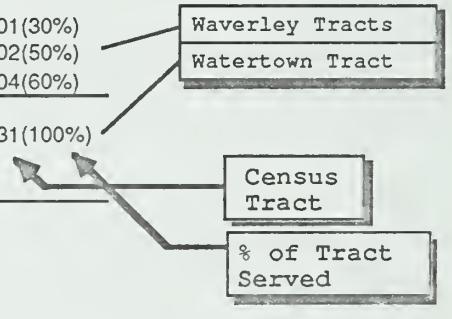


Figure F-1
WESTBus Area

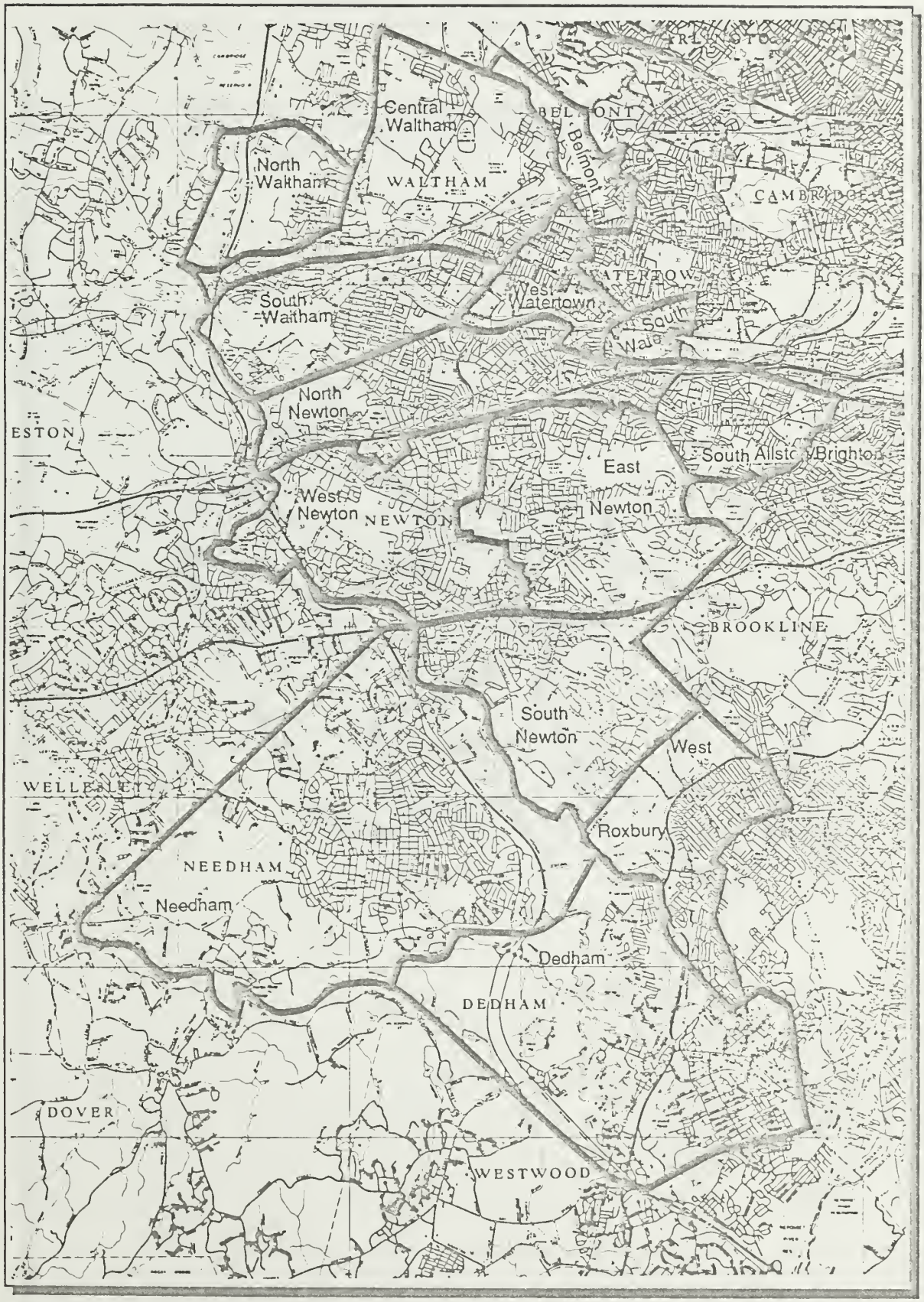
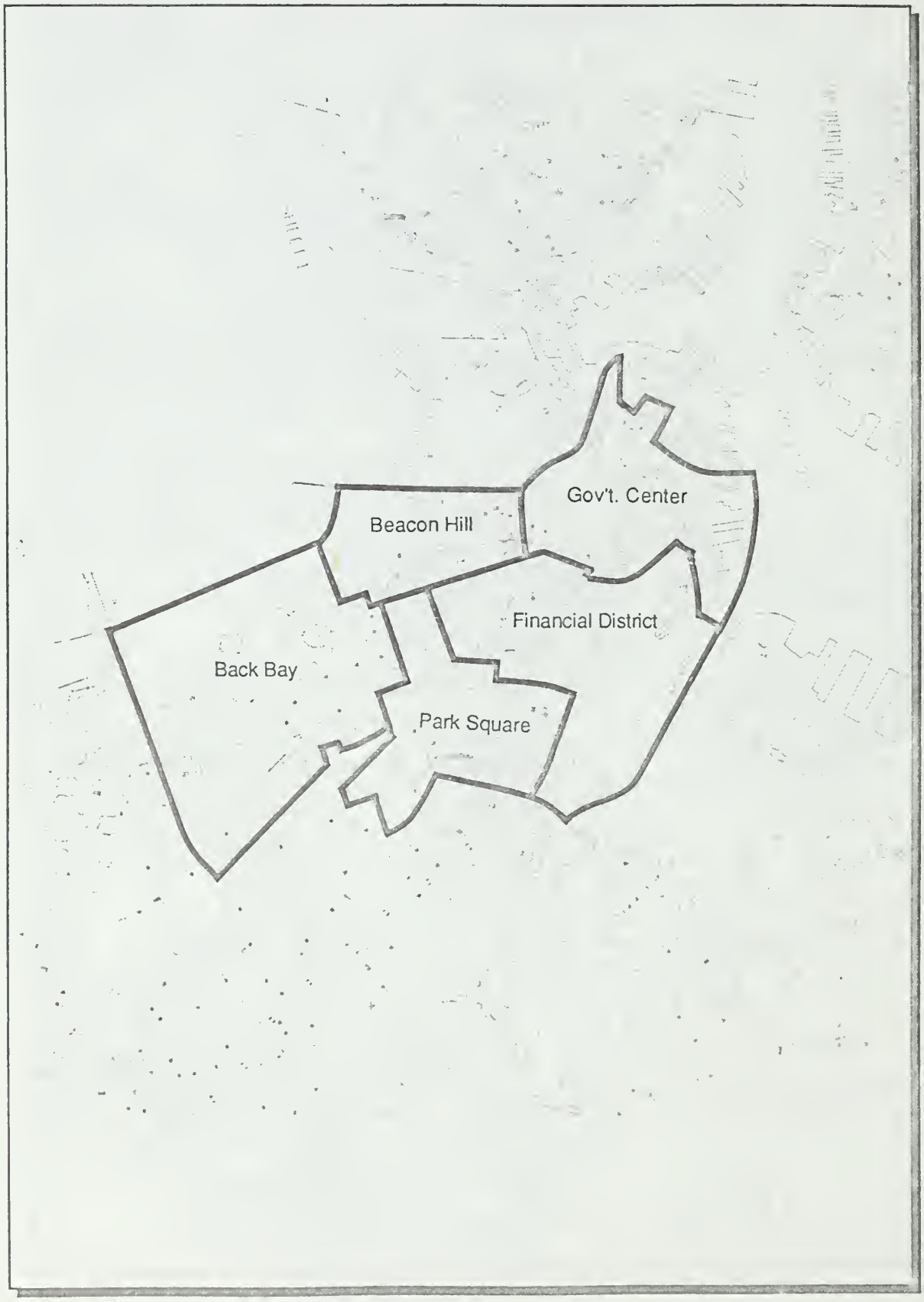


Figure F-2
Downtown Boston Subareas



Population and Employment Characteristics

WESTBus Corridor
Population and Employment Characteristics

Town/Area of Residence	1980 Pop	1980 Emp	Percent Unemp	Pop 65 & Older	% Pop 65 & Older	Median HH Income	Occupied D.U.s	D.U.s w/o Auto	% D.U.s w/o AUTO	1970 Pop	1970 Emp	Pop Change	Emp Change
BOSTON													
S.Allston/Br	37,775	19,848	5.1%	5,637	14.9%	$13,555	16,036	5,662	35.3%	43,418	10,258	-5,643	9,590
W.Roxbury	23,718	11,368	4.2%	5,374	22.7%	$17,972	9,435	1,671	17.7%	24,980	6,270	-1,262	5,098
BELMONT	6,472	3,236	2.9%	1,208	18.7%	$18,424	2,436	365	15.0%	7,088	1,852	-616	1,384
WALTHAM													
N.Waltham	4,330	1,921	4.0%	532	12.3%	$21,186	1,325	123	9.3%	4,972	1,267	-642	654
C.Waltham	20,347	10,159	3.2%	2,805	13.8%	$20,612	6,840	826	12.1%	22,370	5,287	-2,023	4,872
S.Waltham	23,880	12,631	3.9%	3,047	12.8%	$15,154	8,892	1,718	19.3%	25,869	6,966	-1,989	5,665
Tot/Avg	48,557	24,711	3.6%	6,384	13.1%	$17,941	17,057	2,667	15.6%	53,211	13,520	-4,654	11,191
WATERTOWN													
W.Watertown	13,785	7,541	3.2%	2,043	14.8%	$18,971	5,320	808	15.2%	15,978	4,083	-2,193	3,458
S.Watertown	5,791	3,092	3.2%	789	13.6%	$18,452	2,267	332	14.6%	6,372	1,530	-581	1,562
Tot/Avg	19,576	10,633	3.2%	2,832	14.5%	$18,712	7,587	1,140	15.0%	22,350	5,613	-2,774	5,020
NEWTON													
N.Newton	27,132	14,533	3.4%	4,042	14.9%	$21,547	10,030	1,084	10.8%	30,330	7,760	-3,198	6,773
E.Newton	25,551	12,838	2.9%	3,595	14.1%	$29,997	8,041	649	8.1%	25,397	6,438	154	6,400
S.Newton	13,455	6,962	3.5%	1,808	13.4%	$31,229	4,626	238	5.1%	16,174	4,489	-2,719	2,473
W.Newton	17,484	8,840	3.0%	2,436	13.9%	$34,643	5,767	285	4.9%	19,165	4,784	-1,681	4,056
Tot/Avg	83,622	43,173	3.2%	11,881	14.2%	$28,418	28,464	2,256	7.9%	91,066	23,471	-7,444	19,702
DEDHAM	19,969	9,967	4.0%	2,749	13.8%	$22,844	6,799	646	9.5%	22,676	5,694	-2,707	4,273
NEEDHAM	27,901	13,812	3.1%	3,605	12.9%	$29,464	9,359	451	4.8%	29,748	7,600	-1,847	6,212
	267,590	136,748	3.7%	39,670	14.8%	$20,916	97,173	14,858	15.3%	294,537	74,278	-26,947	62,470

1980 Journey-to-Work Trips Between WESTBus Subareas
(Including Trips to/from Boston)

CENSUS TRACT TO CENSUS TRACT
ALL WORK TRIPS

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY / PERCENT / ROW PCT / COL PCT	IN NEWTON	IN WALTHA	PARK SQ	PRUDENT	IS AL/BINI	IS NEWTON	IS WALTAM	IS WATER	STH END	W WATER	TOTAL
BELMONT	29	30	7	11	12	22	32	11	10	32	1242
	0.02	0.02	0.01	0.01	0.01	0.02	0.03	0.01	0.01	0.03	1.01
	2.33	2.42	0.56	0.89	0.97	1.77	2.58	0.89	0.81	2.58	
	0.64	0.95	0.34	0.65	0.49	0.71	0.39	1.12	0.72	1.31	
C WALTAM	244	659	35	11	55	79	1560	62	39	227	9604.6
	0.20	0.54	0.03	0.01	0.04	0.06	1.27	0.05	0.03	0.19	7.82
	2.54	6.85	0.36	0.11	0.57	0.82	16.24	0.65	0.41	2.31	
	5.36	20.85	1.68	0.65	2.24	2.55	19.15	6.30	2.79	9.06	
DEDHAM	35	93	93	7	69	186	81	0	72	12	9479.2
	0.03	0.08	0.08	0.01	0.06	0.15	0.07	0.00	0.06	0.01	7.72
	0.37	0.98	0.98	0.07	0.73	1.96	0.85	0.00	0.76	0.13	
	0.77	2.94	4.46	0.64	2.82	6.01	1.00	0.00	5.16	0.49	
E NEWTON	738	63	395	10	269	313	133	40	150	60	11902.4
	0.60	0.05	0.25	0.01	0.22	0.25	0.15	0.03	0.12	0.05	9.69
	6.20	0.53	2.56	0.08	2.26	2.63	1.65	0.34	1.26	0.50	
	16.21	1.99	14.63	3.77	10.98	10.11	2.43	4.07	10.74	2.45	
N NEWTON	1535	419	221	0	134	363	557	30	129	267	11523.2
	1.29	0.34	0.18	0.00	0.10	0.30	0.45	0.02	0.11	0.22	9.33
	13.75	3.64	1.92	0.00	1.08	3.15	4.83	0.26	1.12	2.32	
	34.80	13.26	10.60	0.00	5.06	11.73	6.85	3.05	9.24	10.90	
N WALTHAM	36	256	0	0	0	0	327	41	0	38	1859
	0.03	0.21	0.00	0.00	0.00	0.00	0.27	0.03	0.00	0.03	1.51
	1.94	13.77	0.00	0.00	0.00	0.00	17.59	2.21	0.00	2.04	
	0.79	8.10	0.00	0.00	0.00	0.00	4.02	4.17	0.00	1.55	
NEEDHAM	124	200	121	10	148	576	193	15	45	50	13191.8
	0.10	0.16	0.10	0.01	0.12	0.47	0.16	0.01	0.04	0.04	10.74
	0.94	1.52	0.92	0.08	1.12	4.37	1.46	0.11	0.35	0.38	
	2.72	6.33	5.80	8.77	6.04	18.61	2.37	1.52	3.30	2.04	
TOTAL	4554	3160	2085	114	2450	3095	8133	984	1395	2449	122795
	3.71	2.57	1.70	0.09	2.00	2.52	6.62	0.80	1.14	1.99	100.00

(CONTINUED)

CENSUS TRACT TO CENSUS TRACT
ALL WORK TRIPS

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBOURHOOD OF RESIDENCE) NEIGHW(NEIGHBOURHOOD OF WORK)

FREQUENCY / PERCENT / ROW PCT / COL PCT	OTHER	BACKBAY	BEACON	BELMONT	C WALTAM	CAMB	E NEWTON	FIN CTR	GOVT CTR	H.SQ	TOTAL
BELMONT	617	13	6	79	70	102	11	25	13	46	1242
	0.50	0.01	0.01	0.06	0.06	0.08	0.01	0.02	0.01	0.04	1.01
	49.68	1.05	0.64	6.36	5.64	8.21	0.89	2.01	1.05	3.70	
	1.18	0.50	1.45	16.06	1.30	3.32	0.22	0.52	0.29	4.18	
C WALTAM	3387	12	4.6	31	2097	263	95	195	33	147	9504.6
	2.75	0.01	0.00	0.03	1.70	0.21	0.07	0.16	0.03	0.12	7.72
	35.26	0.12	0.05	0.34	21.73	2.74	0.98	2.03	0.34	1.53	
	6.48	0.46	0.83	6.44	38.69	8.57	1.72	4.05	0.74	13.35	
DEDHAM	4700	142	32.2	0	20	155	70	290	363	5	9479.2
	3.83	0.12	0.03	0.00	0.02	0.13	0.06	0.24	0.30	0.00	7.72
	49.58	1.50	0.34	0.00	0.21	1.64	0.74	3.06	3.83	0.05	
	8.99	5.50	5.83	0.00	0.37	5.05	1.42	6.03	8.10	0.45	
E NEWTON	5314	471	55.4	52	60	272	1343	603	643	125	11902.4
	4.33	0.38	0.05	0.04	0.05	0.22	1.09	0.49	0.52	0.10	9.69
	44.65	3.96	0.47	0.44	0.50	2.29	11.28	5.07	5.40	1.05	
	10.16	25.98	10.03	10.57	1.11	8.87	27.17	12.53	14.35	11.35	
N NEWTON	4650	148	29.2	14	299	323	1015	251	315	79	11523.2
	3.71	0.12	0.02	0.01	0.24	0.26	0.83	0.20	0.24	0.06	9.38
	39.57	1.29	0.25	0.12	2.59	2.80	8.81	2.18	2.73	0.69	
	9.72	5.73	5.28	2.85	5.54	10.53	20.53	5.22	7.03	7.19	
N WALTHAM	549	13	3	0	501	9	14	30	0	0	1959
	0.45	0.01	0.00	0.00	0.41	0.01	0.01	0.02	0.00	0.00	1.61
	28.03	0.70	0.16	0.00	26.05	0.48	0.75	1.61	0.00	0.00	
	1.05	0.50	0.54	0.00	9.29	0.29	0.28	0.62	0.00	0.00	
NEEDHAM	5572	233	45.8	9	67	205	302	436	421	65	13191.3
	4.54	0.19	0.04	0.01	0.05	0.17	0.25	0.36	0.34	0.05	10.74
	42.23	1.77	0.35	0.07	0.51	1.55	2.29	3.31	3.19	0.50	
	10.67	9.02	8.29	1.83	1.24	6.63	6.11	9.04	9.40	5.92	
TOTAL	52294	2583	552.6	492	5334	3068	4943	4911	4481	1101	127795
	42.57	2.10	0.45	0.40	4.39	2.50	4.03	3.92	3.65	0.90	100.00

(CONTINUED)

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY / PERCENT / ROW PCT / COL PCT	OTHER	BACKBAY	BEACON	BELMONT	C WALTAM	CAMB	E NEWTON	FIN CTR	GOVT CTR	H.SQ	TOTAL
S ALL/BTN	5329	618	136.5	15	173	566	333	1139	1046	270	16545.5
	7.19	0.50	0.11	0.01	0.14	0.46	0.27	0.93	0.85	0.22	13.90
	52.10	3.65	0.81	0.09	1.02	3.34	1.96	6.72	6.17	1.59	
	15.88	23.93	24.72	3.05	3.21	18.45	6.74	23.67	23.34	24.52	
S NEWTON	3380	129	21.8	11	81	139	453	392	204	36	6422.8
	2.51	0.11	0.02	0.01	0.07	0.11	0.37	0.32	0.17	0.03	5.23
	47.95	2.01	0.34	0.17	1.25	2.16	7.13	6.10	3.18	0.56	
	5.89	4.99	3.94	2.24	1.50	4.53	9.27	8.15	4.55	3.27	
S WALTAM	3465	73	15	36	1478	170	190	89	85	65	11822
	2.82	0.06	0.01	0.03	1.20	0.14	0.15	0.07	0.07	0.07	9.63
	29.31	0.62	0.13	0.30	12.50	1.44	1.61	0.75	0.73	0.72	
	6.03	2.83	2.71	7.32	27.40	5.54	3.84	1.85	1.92	7.72	
S WATER	932	38	11.6	28	76	92	57	95	105	0	2741.6
	0.76	0.03	0.01	0.02	0.06	0.07	0.05	0.08	0.09	0.00	2.23
	33.99	1.39	0.42	1.02	2.77	3.36	2.08	3.47	3.83	0.00	
	1.78	1.47	2.10	5.69	1.41	3.00	1.15	1.97	2.34	0.00	
W NEWTON	2729	190	46	44	85	245	678	327	321	49	8171
	3.03	0.15	0.04	0.04	0.07	0.20	0.55	0.27	0.26	0.04	6.65
	45.53	2.33	0.56	0.54	1.04	3.01	8.30	4.00	3.93	0.59	
	7.11	7.36	8.32	8.94	1.58	8.02	13.72	6.60	7.16	4.36	
W ROXBRY	5233	237	110.6	23	42	183	273	730	780	56	10739.6
	4.26	0.19	0.09	0.02	0.03	0.15	0.22	0.59	0.64	0.05	8.75
	48.73	2.21	1.03	0.21	0.39	1.70	2.54	6.80	7.26	0.52	
	10.01	9.13	20.01	4.67	0.78	5.96	5.52	15.17	17.41	5.09	
W WATER	2329	66	32.8	100	355	343	114	209	151	139	7148.8
	1.90	0.05	0.03	0.08	0.29	0.28	0.09	0.17	0.12	0.11	5.82
	32.58	0.92	0.46	1.40	4.97	4.80	1.59	2.92	2.11	1.93	
	4.45	2.56	5.94	20.33	6.58	11.19	2.31	4.34	3.37	12.53	
TOTAL	52294	2583	552.6	496	5394	3068	4943	4911	4481	1101	122735
	42.59	2.10	0.45	0.40	4.39	2.50	4.03	3.92	3.65	0.90	100.00

(CONTINUED)

CENSUS TRACT TO CENSUS TRACT
ALL WORK TRIPS

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY / PERCENT / ROW PCT / COL PCT	N NEWTON	N WALTHA M	PARK SQ	PRUDENT	S AL/ATN	S NEWTON	S WALTAM	S WATER	STH END	W WATER	TOTAL
S AL/ATN	179	84	570	12	1232	154	239	94	382	157	16546.6
	0.15	0.07	0.46	0.01	1.00	0.13	0.19	0.08	0.31	0.13	13.50
	1.08	0.50	3.36	0.07	7.27	0.91	1.41	0.55	2.25	0.93	
	3.93	2.66	27.34	10.53	50.23	4.98	2.94	9.55	27.36	6.41	
S NEWTON	211	61	190	15	69	592	133	10	56	51	6422.3
	0.17	0.05	0.15	0.01	0.06	0.48	0.11	0.01	0.05	0.04	5.23
	3.29	0.95	2.96	0.23	1.07	9.22	2.07	0.16	0.87	0.79	
	4.63	1.93	9.11	13.16	2.82	19.13	1.64	1.02	4.01	2.08	
S WALTAM	343	865	33	0	38	180	3967	52	26	240	11822
	0.28	0.70	0.03	0.00	0.03	0.15	3.23	0.04	0.02	0.20	9.63
	2.90	7.32	0.28	0.00	0.32	1.52	33.56	0.44	0.22	2.03	
	7.53	27.37	1.58	0.00	1.55	5.82	49.78	5.28	1.86	9.80	
S WATER	114	62	8	0	63	31	191	306	31	270	2741.6
	0.09	0.07	0.01	0.00	0.05	0.03	0.16	0.25	0.03	0.22	2.23
	4.16	2.49	0.29	0.00	2.30	1.13	6.97	11.16	1.13	9.85	
	2.50	2.59	0.38	0.00	2.57	1.00	2.35	31.10	2.22	11.02	
W NEWTON	451	128	122	19	92	346	141	35	166	37	9171
	0.37	0.10	0.10	0.02	0.07	0.28	0.11	0.03	0.14	0.03	6.65
	5.52	1.57	1.49	0.23	1.13	4.23	1.73	0.43	2.03	0.45	
	9.90	4.05	5.85	16.67	3.76	11.19	1.73	3.56	11.89	1.51	
W ROXBY	139	80	244	19	155	135	36	25	191	15	10737.5
	0.11	0.07	0.20	0.02	0.13	0.11	0.03	0.02	0.16	0.01	8.75
	1.29	0.82	2.27	0.18	1.44	1.26	0.34	0.23	1.78	0.14	
	3.05	2.79	11.70	16.67	6.33	4.36	0.44	2.54	13.68	0.61	
W WATER	326	132	136	0	124	118	476	263	98	999	7143.8
	0.27	0.11	0.11	0.00	0.10	0.10	0.39	0.21	0.08	0.81	5.82
	4.56	1.85	1.90	0.00	1.73	1.65	6.66	3.68	1.37	13.98	
	7.16	4.18	6.52	0.00	5.05	3.81	5.88	26.73	7.02	40.75	
TOTAL	4554	3160	2095	114	2450	3035	8133	984	1396	2449	122735
	3.71	2.57	1.70	0.09	2.00	2.52	6.62	0.80	1.14	1.99	100.00

(CONTINUED)

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY / PERCENT / ROW PCT / COL PCT	WAT3703	BROOKL	DEDHAM	NEEDHAM	W NEWTON	NTH END	W ROXBRY	N.CAMB	TOTAL
BELMONT	52	0	0	0	0	0	0	0	1242
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01
	4.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	5.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
C WALTHAM	82	15	40	120	87	0	0	0	9604.6
	0.07	0.01	0.03	0.10	0.07	0.00	0.00	0.00	7.82
	0.85	0.15	0.42	1.25	0.91	0.00	0.00	0.00	
	6.82	5.28	1.19	2.11	4.70	0.00	0.00	0.00	
DEDHAM	10	13	2369	392	42	12	216	0	9479.2
	0.01	0.01	1.93	0.32	0.03	0.01	0.18	0.00	7.72
	0.11	0.14	24.99	4.14	0.44	0.13	2.28	0.00	
	0.83	4.58	70.67	6.89	2.27	5.80	12.47	0.00	
E NEWTON	58	63	34	185	217	0	39	22	11902.4
	0.05	0.05	0.03	0.15	0.18	0.00	0.03	0.02	9.69
	0.49	0.53	0.29	1.55	1.82	0.00	0.33	0.18	
	4.82	22.18	1.01	3.25	11.72	0.00	2.25	6.59	
N NEWTON	80	10	63	165	338	42	53	44	11523.2
	0.07	0.01	0.05	0.13	0.28	0.03	0.04	0.04	9.38
	0.69	0.07	0.55	1.43	2.93	0.36	0.46	0.38	
	6.65	3.52	1.88	2.90	18.25	20.29	3.06	13.17	
N WALTHAM	14	10	0	0	0	0	0	18	1859
	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	1.51
	0.75	0.54	0.00	0.00	0.00	0.00	0.00	0.97	
	1.16	3.52	0.00	0.00	0.00	0.00	0.00	5.39	
NEEDHAM	16	0	209	3838	153	12	84	35	13191.8
	0.01	0.00	0.17	3.12	0.12	0.01	0.07	0.03	10.74
	0.12	0.00	1.58	29.08	1.16	0.09	0.64	0.27	
	1.33	0.00	6.24	67.40	8.26	5.80	4.85	10.48	
TOTAL	1208	264	3352	5691	1852	207	1732	334	122795
	0.98	0.23	2.73	4.63	1.51	0.17	1.41	0.27	100.00

(CONTINUED)

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY / PERCENT / ROW PCT / COL PCT	wAT3703	BROOKL	DEDHAM	NEEDHAM	w NEWTON	NTH END	W ROXBRY	N.CAMB	TOTAL
S AL/BTN	129	69	56	145	121	58	94	46	16946.5
	0.11	0.06	0.05	0.12	0.10	0.05	0.08	0.04	13.80
	0.76	0.41	0.33	0.86	0.71	0.34	0.55	0.27	
	10.72	24.30	1.67	2.55	6.53	28.02	5.43	13.77	
S NEWTON	39	41	0	218	121	11	42	11	6422.8
	0.03	0.03	0.00	0.18	0.10	0.01	0.03	0.01	5.23
	0.61	0.64	0.00	3.39	1.88	0.17	0.65	0.17	
	3.24	14.44	0.00	3.83	6.53	5.31	2.42	3.29	
S WALTAM	104	0	72	76	31	0	14	44	11822
	0.08	0.00	0.06	0.06	0.07	0.00	0.01	0.04	9.63
	0.88	0.00	0.61	0.64	0.69	0.00	0.12	0.37	
	8.65	0.00	2.15	1.34	4.37	0.00	0.81	13.17	
S WATER	141	0	22	24	13	0	8	0	2741.6
	0.11	0.00	0.02	0.02	0.01	0.00	0.00	0.00	2.23
	5.14	0.00	0.80	0.88	0.66	0.00	0.22	0.00	
	11.72	0.00	0.66	0.42	0.97	0.00	0.35	0.00	
W NEWTON	17	31	23	152	592	45	57	12	8171
	0.01	0.03	0.02	0.12	0.48	0.04	0.05	0.01	6.65
	0.21	0.38	0.28	1.86	7.25	0.55	0.70	0.15	
	1.41	10.92	0.69	2.67	31.97	21.74	3.29	3.59	
W ROXBRY	32	32	450	320	55	27	1097	12	10739.6
	0.03	0.03	0.37	0.26	0.04	0.02	0.89	0.01	8.75
	0.30	0.30	4.19	2.98	0.51	0.25	10.21	0.11	
	2.66	11.27	13.42	5.62	2.97	13.04	63.34	3.59	
W WATER	419	0	14	53	27	0	30	90	7148.8
	0.34	0.00	0.01	0.05	0.02	0.00	0.02	0.07	5.82
	5.86	0.00	0.20	0.81	0.38	0.00	0.42	1.26	
	34.83	0.00	0.42	1.02	1.46	0.00	1.73	26.95	
TOTAL	1203	294	3352	5691	1852	207	1732	334	122795
	0.98	0.23	2.73	4.63	1.51	0.17	1.41	0.27	100.00

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY / PERCENT / ROW PCT / COL PCT	BEACON	FIN CTR	GOVT CTR	H.SQ	STH END	S WATER	PARK SQ	OTHER	CAMB	S AL/PTN	BACKBAY	TOTAL
BELMONT	3.8	25	13	17	10	0	0	0	0	0	0	68.8
	0.50	3.32	1.73	2.26	1.33	0.00	0.00	0.00	0.00	0.00	0.00	9.14
	5.52	36.34	18.90	24.71	14.53	0.00	0.00	0.00	0.00	0.00	0.00	
	21.35	15.63	14.61	73.91	27.78	0.00	0.00	0.00	0.00	0.00	0.00	
C WALTHAM	0	12	0	0	0	8	0	0	0	0	0	20
	0.00	1.59	0.00	0.00	0.00	1.06	0.00	0.00	0.00	0.00	0.00	2.66
	0.00	60.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	
	0.00	7.50	0.00	0.00	0.00	66.67	0.00	0.00	0.00	0.00	0.00	
DEDHAM	0	0	0	0	0	0	10	0	0	0	0	10
	0.00	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00	0.00	0.00	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	11.90	0.00	0.00	0.00	0.00	
E NEWTON	0	23	0	0	0	0	10	11	9	31	0	84
	0.00	3.06	0.00	0.00	0.00	0.00	1.33	1.46	1.20	4.12	0.00	11.16
	0.00	27.38	0.00	0.00	0.00	0.00	11.90	13.10	10.71	36.90	0.00	
	0.00	14.38	0.00	0.00	0.00	0.00	11.90	47.83	45.00	73.81	0.00	
N NEWTON	3	11	0	0	0	0	9	0	0	0	8	41
	0.40	1.46	0.00	0.00	0.00	0.00	1.20	0.00	0.00	0.00	1.06	5.45
	7.32	26.83	0.00	0.00	0.00	0.00	21.95	0.00	0.00	0.00	19.51	
	16.85	6.88	0.00	0.00	0.00	0.00	10.71	0.00	0.00	0.00	16.33	
N WALTHAM	0	0	0	0	0	0	0	0	0	0	13	13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	1.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.53	
WEEDHAM	0	16	13	0	0	0	0	0	0	0	0	53
	0.00	2.13	1.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.04
	0.00	30.19	24.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	10.00	14.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	17.8	160	89	23	36	12	84	23	20	42	40	752.8
	2.36	21.25	11.82	3.06	4.78	1.59	11.16	3.06	2.66	5.58	6.51	100.00

(CONTINUED)

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY / PERCENT / ROW PCT / COL PCT	BEACON	FIN CTR	GOVT CTR	M.SQ	STH END	S WATER	PARK SQ	OTHER	CAMB	S AL/BTN	BACKBAY	TOTAL
S AL/BTN	3.4	9	9	6	11	0	0	0	11	0	14	135.4
	0.45	1.20	1.20	0.80	1.46	0.00	0.00	0.00	1.46	0.00	1.86	17.99
	2.51	6.65	6.65	4.43	8.12	0.00	0.00	0.00	8.12	0.00	10.34	
	19.10	5.63	10.11	26.09	30.56	0.00	0.00	0.00	55.00	0.00	28.57	
S NEWTON	4	7	5	0	0	0	26	0	0	11	0	67
	0.53	0.93	0.66	0.00	0.00	0.00	3.45	0.00	0.00	1.46	0.00	8.90
	5.97	10.45	7.46	0.00	0.00	0.00	38.81	0.00	0.00	16.42	0.00	
	22.47	4.38	5.62	0.00	0.00	0.00	30.95	0.00	0.00	26.19	0.00	
S WALTAM	2.8	10	0	0	15	0	0	12	0	0	14	62.8
	0.37	1.33	0.00	0.00	1.99	0.00	0.00	1.59	0.00	0.00	1.86	8.34
	4.46	15.92	0.00	0.00	23.89	0.00	0.00	19.11	0.00	0.00	22.29	
	15.73	6.25	0.00	0.00	41.67	0.00	0.00	52.17	0.00	0.00	28.57	
S WATER	0.8	0	18	0	0	4	8	0	0	0	0	45.8
	0.11	0.00	2.39	0.00	0.00	0.53	1.06	0.00	0.00	0.00	0.00	6.22
	1.71	0.00	38.46	0.00	0.00	8.55	17.09	0.00	0.00	0.00	0.00	
	4.49	0.00	20.22	0.00	0.00	33.33	9.52	0.00	0.00	0.00	0.00	
W NEWTON	0	17	0	0	0	0	12	0	0	0	0	29
	0.00	2.26	0.00	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.00	3.85
	0.00	58.62	0.00	0.00	0.00	0.00	41.38	0.00	0.00	0.00	0.00	
	0.00	10.63	0.00	0.00	0.00	0.00	14.29	0.00	0.00	0.00	0.00	
W ROXBRY	0	15	15	0	0	0	9	0	0	0	0	91
	0.00	1.99	1.99	0.00	0.00	0.00	1.20	0.00	0.00	0.00	0.00	12.09
	0.00	16.48	16.48	0.00	0.00	0.00	9.89	0.00	0.00	0.00	0.00	
	0.00	9.38	16.85	0.00	0.00	0.00	10.71	0.00	0.00	0.00	0.00	
W WATER	0	15	16	0	0	0	0	0	0	0	0	31
	0.00	1.99	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.12
	0.00	48.39	51.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	9.38	17.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	17.8	160	89	23	36	12	84	23	20	42	49	752.8
	2.36	21.25	11.82	3.06	4.78	1.59	11.16	3.06	2.66	5.58	6.51	100.00

(CONTINUED)

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY / PERCENT / ROW PCT / COL PCT	NTH END	E NEWTON	PRUDENT	BROOKL	NEEDHAM	WAT3703	W NEWTON	N.CAMB	DEDHAM	BELMONT	N NEWTON	TOTAL
BELMONT	0	0	0	0	0	0	0	0	0	0	0	63.8
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
C WALTHAM	0	0	0	0	0	0	0	0	0	0	0	20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
DEDHAM	0	0	0	0	0	0	0	0	0	0	0	10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
E NEWTON	0	0	0	0	0	0	0	0	0	0	0	84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
N NEWTON	10	0	0	0	0	0	0	0	0	0	0	41
	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.45
	24.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
N WALTHAM	0	0	0	0	0	0	0	0	0	0	0	13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NEEDHAM	0	14	10	0	0	0	0	0	0	0	0	53
	0.00	1.86	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.04
	0.00	26.42	18.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	60.87	24.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	10	23	41	25	5	19	14	9	16	12	21	752.8
	1.33	3.06	5.45	3.45	0.80	2.52	1.86	1.20	2.13	1.59	2.79	100.00

(CONTINUED)

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY / PERCENT / ROW PCT / COL PCT	STH END	E NEWTON	PRUDENT	BROOKL	NEEDHAM	WAT3703	W NEWTON	N.CAMB	DEDHAM	BELMONT	N NEWTON	TOTAL
S AL/PTN	0	9	12	26	6	19	0	0	0	0	0	135.4
	0.00	1.20	1.59	3.45	0.80	2.52	0.00	0.00	0.00	0.00	0.00	17.99
	0.00	6.65	8.86	19.20	4.43	14.03	0.00	0.00	0.00	0.00	0.00	
	0.00	39.13	29.27	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	
S NEWTON	0	0	0	0	0	0	14	0	0	0	0	67
	0.00	0.00	0.00	0.00	0.00	0.00	1.86	0.00	0.00	0.00	0.00	8.90
	0.00	0.00	0.00	0.00	0.00	0.00	20.90	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	
S WALTAM	0	0	0	0	0	0	0	9	0	0	0	62.8
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.00	0.00	8.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.33	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	
S WATER	0	0	0	0	0	0	0	0	16	0	0	46.8
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.13	0.00	0.00	6.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.19	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	
W NEWTON	0	0	0	0	0	0	0	0	0	0	0	29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
W ROXBRY	0	0	19	0	0	0	0	0	0	12	21	91
	0.00	0.00	2.52	0.00	0.00	0.00	0.00	0.00	0.00	1.59	2.79	12.09
	0.00	0.00	20.88	0.00	0.00	0.00	0.00	0.00	0.00	13.19	23.08	
	0.00	0.00	46.34	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00	
W WATER	0	0	0	0	0	0	0	0	0	0	0	31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	10	23	41	26	6	19	14	9	16	12	21	752.8
	1.33	3.06	5.45	3.45	0.80	2.52	1.86	1.20	2.13	1.59	2.79	100.00

WESTBUS MARKET ANALYSIS
CENSUS TRACT TO CENSUS TRACT
TRANSIT SHARE OF TOTAL WORK TRIP MARKET

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY	OTHER	BEACON	CAMB	FIN CTR	GOVT CTR	H.SQ	STH END	C WALTHAM	N WALTHAM	S WALTHAM	TOTAL
BELMONT	15.99575	65	19.6078	100	100	52.1739	100	0	0	0	442.779
C WALTHAM	13.42485	60.3596	14.0684	46.6667	0	18.3673	0	1.14998	1.97269	3.84615	221.526
DEDHAM	15.04255	14.2857	0	49.6552	58.6777	0	15.2778	0	0	0	203.03
E NEWTON	19.40711	16.4115	19.92647	61.194	56.2985	20	0	0	0	0	318.744
N NEWTON	11.954	64.3836	18.66873	70.1195	65.3492	24.0506	17.75194	3.01003	0	4.66786	430.176
N WALTHAM	13.46084	0	0	0	0	0	0	0	3.125	10.0917	116.678
NEEDHAM	17.13767	23.5808	0	74.3119	47.981	13.6364	0	0	0	0	400.034
S AL/JTN	26.345	37.3353	43.2562	73.4999	74.1874	47.4074	43.7173	6.93642	0	0	653.785
S NEWTON	17.20779	55.0459	19.4245	47.7041	55.9824	0	0	0	0	0	337.778
S WALTHAM	15.57385	61.3333	10.5282	99.6876	74.4186	15.2941	57.6923	4.19486	1.6185	3.93286	485.409
S WATER	16.5236	17.2414	76.037	29.4737	76.1905	0	41.9355	0	0	13.14136	554.591
W NEWTON	11.5591	10	11.3621	73.0887	30.8411	0	13.253	0	0	0	312.591
W ROXBRY	12.5696	24.0506	22.4044	46.9963	63.2051	0	15.1632	20.1905	0	0	563.233
W WATER	12.3658	12.9649	32.07	71.7703	27.1523	31.6841	14.2857	7.32394	0	15.4812	301.409
TOTAL	135.655	464.343	267.514	839.348	731.194	222.914	309.097	48.8057	6.71618	41.2112	5541.96

(CONTINUED)

CENSUS TRACT TO CENSUS TRACT
TRANSIT SHARE OF TOTAL WORK TRIP MARKET

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY	S WATER	W NEWTON	W WATER	WAT3703	BACKBAY	DEDHAM	PARK SQ	S AL/BTN	BROOKL	E NEWTON	TOTAL
BELMONT	0	0	0	0	0	0	0	0	0	0	442.779
C WALTAM	33.871	11.4943	11.7613	14.6341	0	0	0	0	0	0	221.625
DEDHAM	0	0	0	0	16.9014	1.91511	26.9817	14.4929	0	0	203.03
E NEWTON	0	0	23.3333	0	21.4695	0	25.9016	32.7138	22.2222	1.893527	313.744
N NEWTON	0	3.25444	0	0	21.6216	0	22.1719	28.2258	0	15.22157	430.176
N WALTHAM	0	0	0	0	100	0	0	0	0	0	116.678
NEEDHAM	0	0	30	0	33.9056	0	19.0093	39.8649	0	14.63576	400.034
S AL/BTN	36.1702	52.8926	34.3949	14.7287	44.0129	0	50.5263	22.6461	37.6812	33.3333	853.795
S NEWTON	0	22.314	0	0	31.0078	0	41.5789	15.242	0	0	337.778
S WALTAM	28.8462	0	0	0	19.1731	0	30.303	31.5789	0	20.5263	485.409
S WATER	4.90196	0	12.2222	11.3475	0	72.7273	100	50.7937	0	21.0526	554.691
W NEWTON	0	2.87162	0	0	19.4737	0	30.3279	20.6522	0	10.177	312.591
W ROXBRY	0	38.1818	0	0	28.692	13.3333	34.4262	6.45161	0	4.0293	563.233
W WATER	0	0	2.60521	6.44391	3.0303	0	13.2353	4.03226	0	3.50977	391.409
TOTAL	103.789	131.009	113.817	47.1543	331.284	87.8757	394.361	267.394	59.9034	103.379	5541.96

(CONTINUED)

CENSUS TRACT TO CENSUS TRACT
TRANSIT SHARE OF TOTAL WORK TRIP MARKET

TABLE OF NEIGHR BY NEIGHW

NEIGHR(NEIGHBORHOOD OF RESIDENCE) NEIGHW(NEIGHBORHOOD OF WORK)

FREQUENCY	NEEDHAM	S NEWTON	N NEWTON	MTH END	PRUDENT	W ROXBRY	N.CAMB	BELMONT	TOTAL
BELMONT	0	0	0	0	0	0	0	0	442.779
C WALTHAM	0	0	0	0	0	0	0	0	221.626
DEDHAM	0	0	0	0	0	0	0	0	203.03
E NEWTON	10.2703	6.70927	0	0	0	0	0	0	318.744
N NEWTON	9.07091	0	3.53312	76.1905	0	0	0	0	430.176
N WALTHAM	0	0	0	0	0	0	0	0	116.678
NEEDHAM	11.9209	3.99306	0	0	100	0	0	0	400.034
S AL/STN	9.65517	0	16.2011	17.2414	100	26.5957	0	0	853.785
S NEWTON	5.50459	0	5.21327	0	0	30.9524	0	0	337.778
S WALTHAM	0	0	9.91254	0	0	0	20.4543	0	495.409
S WATER	0	0	21.0526	0	0	0	0	0	554.691
W NEWTON	0	9.09249	2.21729	51.1111	0	17.5439	0	0	312.591
W ROXBRY	0	0	15.1079	51.8519	100	9.29535	0	52.1739	563.233
W WATER	0	0	6.74947	0	0	0	36.6667	0	301.409
TOTAL	36.45	18.7948	79.9864	196.395	300	83.3873	57.1212	52.1739	5541.96

1980 Journey-to-Work Trips Between Areas Directly Served by Individual Routes

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route 52
(Watertown Square - Charles River Loop/Dedham Mall)

			TO:						
FROM:	*Watertown*	*North Newton*	*East Newton*	*South Newton*	*West Roxbury*	*Fin Dist/ Gov Ctr*	*Back Bay/ Park Sq*	*TOTALS*	*(Census Tracts)*
Watertown									
All Modes		15	31	25	6	228	139	***444***	3701 (30%)
By Transit		0	1	0	0	122	46	***169***	3704 (60%)
% by Transit		0.0%	3.2%	0.0%	0.0%	53.5%	33.1%	***38.1%***	
North Newton									3683 (85%)
All Modes	22		80	0	0	200	220	***522***	3689 (50%)
By Transit	0		8	0	0	149	48	***205***	3690 (10%)
% by Transit	0.0%		10.0%	0.0%	0.0%	74.5%	21.8%	***39.3%***	3691 (50%)
East Newton									3684 (60%)
All Modes	31	58		64	11	763	636	***1563***	3685 (100%)
By Transit	8	0		15	0	439	157	***619***	3686 (85%)
% by Transit	25.8%	0.0%		23.4%	0.0%	57.5%	24.7%	***39.6%***	3688 (40%)
South Newton									3731 (85%)
All Modes	6	0	71		6	349	178	***610***	3732 (30%)
By Transit	0	0	0		2	163	49	***214***	3733 (50%)
% by Transit	0.0%	0.0%	0.0%		33.3%	46.7%	27.5%	***35.1%***	3746 (75%)
West Roxbury									3748 (25%)
All Modes	10	10	55	23		471	217	***786***	
By Transit	0	0	3	0		249	71	***323***	3744 (15%)
% by Transit	0.0%	0.0%	5.5%	0.0%		52.9%	32.7%	***41.1%***	
TOTALS									
All Modes	***69***	***83***	***237***	***112***	***23***	***2011***	***1390***	***3925***	
By Transit	***8***	***0***	***12***	***15***	***2***	***1122***	***371***	***1530***	
% by Tran:	***0.0%***	***0.0%***	***5.1%***	***13.4%***	***8.7%***	***55.8%***	***26.7%***	***39.0%***	

	Total Trips	Transit Trips	% by Transit
Local Trips	524	37	7.1%

1/14/88

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route 53
(Newton Corner - Brandeis/Roberts)

	TO:								
FROM:	*South Waltham*	*Central Waltham*	*North Newton*	*West Newton*	*East Newton*	*Fin Dist/ Gov Ctr*	*Back Bay/ Park Sq*	*TOTALS*	*(Census Tracts)*
South Waltham									3684 (60%)
All Modes		201	67	0	18	119	86	***491***	3685 (100%)
By Transit		12	9	0	0	96	16	***133***	3686 (85%)
% by Transit		6.0%	13.4%	0.0%	0.0%	80.7%	18.6%	***27.1%***	3688 (30%)
Central Waltham									
All Modes	307		16	2	1	49	37	***412***	3683 (85%)
By Transit	28		2	0	0	30	3	***63***	3689 (10%)
% by Transit	9.1%		12.5%	0.0%	0.0%	61.2%	0.0%	***15.3%***	
North Newton									3731 (85%)
All Modes	149	47		20	90	326	351	***983***	3732 (30%)
By Transit	4	1		0	8	212	98	***323***	3733 (50%)
% by Transit	2.7%	2.1%		0.0%	8.9%	65.0%	27.9%	***32.9%***	3746 (75%)
West Newton									3748 (25%)
All Modes	1	0	8		5	29	19	***62***	
By Transit	0	0	0		0	13	8	***21***	3744 (15%)
% by Transit	0.0%	0.0%	0.0%		0.0%	44.8%	42.1%	***33.9%***	
East Newton									
All Modes	21	7	54	1		107	96	***286***	3734 (60%)
By Transit	0	0	0	0		68	20	***88***	3735 (10%)
% by Transit	0.0%	0.0%	0.0%	0.0%		63.6%	20.8%	***30.8%***	
TOTALS									
All Modes	***478***	***255***	***145***	***23***	***114***	***630***	***589***	***2234***	
By Transit	***32***	***13***	***11***	***0***	***8***	***419***	***145***	***628***	
% by Tran:	***6.7%***	***0.0%***	***7.6%***	***0.0%***	***7.0%***	***66.5%***	***24.6%***	***28.1%***	

	Total Trips	Transit Trips	% by Transit
Local Trips	1015	64	6.3%

1/14/88

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route 54
(Newton Corner - Waverley Square)

	TO:									
FROM:	*Waverley*	*Central Waltham*	*South Waltham*	*North Newton*	*West Newton*	*East Newton*	*Fin Dist/ Gov Ctr*	*Back Bay/ Park Sq*	*TOTALS*	*(Census Tracts)*
Waverley										
All Modes		39	19	11	0	2	112	78	***261***	3576 (90%)
By Transit		0	0	0	0	0	65	4	***69***	3578 (50%)
% by Transit		0.0%	0.0%	0.0%	0.0%	0.0%	58.0%	5.1%	***26.4%***	
Central Waltham										3683 (15%)
All Modes	11		181	22	0	11	89	47	***361***	3689 (50%)
By Transit	0		13	0	0	0	30	14	***57***	3690 (10%)
% by Transit	0.0%		7.2%	0.0%	0.0%	0.0%	33.7%	29.8%	***15.8%***	3691 (50%)
South Waltham										
All Modes	12	247		54	0	18	90	69	***490***	3685 (100%)
By Transit	0	18		9	0	0	66	12	***105***	3686 (85%)
% by Transit	0.0%	7.3%		16.7%	0.0%	0.0%	73.3%	17.4%	***21.4%***	3688 (40%)
North Newton										3731 (85%)
All Modes	10	59	103		20	90	326	351	***959***	3732 (30%)
By Transit	0	3	5		0	8	212	98	***326***	3733 (50%)
% by Transit	0.0%	5.1%	4.9%		0.0%	8.9%	65.0%	27.9%	***34.0%***	3746 (75%)
West Newton										3748 (25%)
All Modes	0	1	1	8		5	30	19	***64***	
By Transit	0	0	0	0		0	13	8	***21***	3744 (15%)
% by Transit	0.0%	0.0%	0.0%	0.0%		0.0%	43.3%	42.1%	***32.8%***	
East Newton										
All Modes	0	2	12	54	1		107	96	***272***	3734 (60%)
By Transit	0	0	0	0	0		68	20	***88***	3735 (10%)
% by Transit	0.0%	0.0%	0.0%	0.0%	0.0%		63.6%	20.8%	***32.4%***	
TOTALS										
All Modes	***33***	***348***	***316***	***149***	***21***	***126***	***754***	***660***	***2407***	
By Transit	***0***	***21***	***18***	***9***	***0***	***8***	***454***	***156***	***666***	
% by Tran:	***0.0%***	***0.0%***	***5.7%***	***6.0%***	***0.0%***	***6.3%***	***60.2%***	***23.6%***	***27.7%***	

	All Modes	By Transit	% by Transit
Local Trips:	993	56	5.6%

1/14/88

WESTBus

Work Trips Between Areas Within One-Quarter Mile of Routes 53 and 54 (Combined)

				TO:						
FROM:	*Waverley*	*Central Waltham*	*South Waltham*	*North Newton*	*West Newton*	*East Newton*	*Fin Dist/ Gov Ctr*	*Back Bay/ Park Sq*	*TOTALS*	*(Census Tracts)*
Waverley										
All Modes		39	28	11	0	2	112	78	***270***	3576 (90%)
By Transit		0	0	0	0	0	65	4	***69***	3578 (50%)
% by Transit		0.0%	0.0%	0.0%	0.0%	0.0%	58.0%	5.1%	***25.6%***	
Central Waltham										3683 (85%)
All Modes	11		473	34	2	11	124	75	***730***	3689 (50%)
By Transit	0		40	2	0	0	56	14	***112***	3690 (10%)
% by Transit	0.0%		8.5%	5.9%	0.0%	0.0%	45.2%	18.7%	***15.3%***	3691 (50%)
South Waltham										3684 (60%)
All Modes	11	404		70	0	19	121	90	***715***	3685 (100%)
By Transit	0	20		9	0	0	97	18	***144***	3686 (85%)
% by Transit	0.0%	5.0%		12.9%	0.0%	0.0%	80.2%	20.0%	***20.1%***	3688 (40%)
North Newton										3731 (85%)
All Modes	10	92	159		20	90	326	351	***1048***	3732 (30%)
By Transit	0	3	5		0	8	212	98	***326***	3733 (50%)
% by Transit	0.0%	3.3%	3.1%		0.0%	8.9%	65.0%	27.9%	***31.1%***	3746 (75%)
West Newton										3748 (25%)
All Modes	0	1	1	8		5	29	19	***63***	
By Transit	0	0	0	0		0	13	8	***21***	3744 (15%)
% by Transit	0.0%	0.0%	0.0%	0.0%		0.0%	44.8%	42.1%	***33.3%***	
East Newton										
All Modes	0	7	22	54	1		107	96	***287***	3734 (60%)
By Transit	0	0	0	0	0		68	20	***88***	3735 (10%)
% by Transit	0.0%	0.0%	0.0%	0.0%	0.0%		63.6%	20.8%	***30.7%***	
TOTALS										
All Modes	***32***	***543***	***683***	***177***	***23***	***127***	***819***	***709***	***3113***	
By Transit	***0***	***23***	***45***	***11***	***0***	***8***	***511***	***162***	***760***	
% by Tran:	***0.0%***	***0.0%***	***6.6%***	***6.2%***	***0.0%***	***6.3%***	***62.4%***	***22.8%***	***24.4%***	

	Total Trips	Transit Trips	% by Transit
Local Trips	1585	87	5.5%

1/14/88

WESTBus

Work Trips Between Areas Within One-Quarter Mile of Route 54 Re-routed past the Corp of Engineers, Hospitals & Fernald School

					TO:						
FROM:	*Waverley*	*Central Waltham*	*Corp of Eng/ Hospitals*	*South Waltham*	*North Newton*	*West Newton*	*East Newton*	*Fin Dist/ Gov Ctr*	*Back Bay/ Park Sq*	*TOTALS*	*(Census Tracts)*
Waverley											
All Modes		33	0	19	11	0	2	112	78	***255***	3576 (90%)
By Transit		0	0	0	0	0	0	65	4	***69***	3578 (50%)
% by Transit		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	58.0%	5.1%	***27.1%***	
Central Waltham											
All Modes	9		64	181	22	0	11	102	57	***446***	3683 (15%)
By Transit	0		0	10	0	0	0	31	18	***59***	3689 (50%)
% by Transit	0.0%		0.0%	5.5%	0.0%	0.0%	0.0%	30.4%	31.6%	***13.2%***	3691 (50%)
Corp of Engineers/Hospitals											
All Modes		29		4	8	0	0	10	0	***51***	3690 (80%)
By Transit		0		0	0	0	0	0	0	***0***	
% by Transit		0.0%		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	***0.0%***	
South Waltham											
All Modes	12	241	19		54	0	18	90	69	***503***	3685 (100%)
By Transit	0	16	0		9	0	0	66	12	***103***	3686 (85%)
% by Transit	0.0%	6.6%	0.0%		16.7%	0.0%	0.0%	73.3%	17.4%	***20.5%***	3688 (40%)
North Newton											3731 (85%)
All Modes	10	54	26	103		20	90	326	351	***980***	3732 (30%)
By Transit	0	4	0	5		0	8	212	98	***327***	3733 (50%)
% by Transit	0.0%	7.4%	0.0%	4.9%		0.0%	8.9%	65.0%	27.9%	***33.4%***	3746 (75%)
West Newton											3748 (25%)
All Modes	0	1	0	1	8		5	30	19	***64***	
By Transit	0	0	0	0	0		0	13	8	***21***	3744 (15%)
% by Transit	0.0%	0.0%	0.0%	0.0%	0.0%		0.0%	43.3%	42.1%	***32.8%***	
East Newton											
All Modes	0	1	1	12	54	1		107	96	***272***	3734 (60%)
By Transit	0	0	0	0	0	0		68	20	***88***	3735 (10%)
% by Transit	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		63.6%	20.8%	***32.4%***	
TOTALS											
All Modes	***31***	***359***	***110***	***320***	***157***	***21***	***126***	***777***	***670***	***2571***	
By Transit	***0***	***20***	***0***	***15***	***9***	***0***	***8***	***455***	***160***	***667***	
% by Tran:	***0.0%***	***0.0%***	***0.0%***	***4.7%***	***5.7%***	***0.0%***	***6.3%***	***58.6%***	***23.9%***	***25.9%***	

	All Modes	By Transit	% by Transit
Local Trips:	1124	52	4.6%

1/14/88

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route 56.0
(Newton Corner - Waltham Highlands)

	TO:								
FROM:	*North Waltham*	*South Waltham*	*Central Waltham*	*North Newton*	*East Newton*	*Fin Dist/ Gov Ctr*	*Back Bay/ Park Sq*	*TOTALS*	*(Census Tracts)*
North Waltham									
All Modes		131	68	7	1	23	10	***240***	3682 -
By Transit		9	0	0	0	0	10	***19***	Residents 75%
% by Transit		6.9%	0.0%	0.0%	0.0%	0.0%	100.0%	***0***	Employees 5%
South Waltham									3684 (50%)
All Modes	25		70	51	14	111	77	***348***	3685 (100%)
By Transit	7		4	14	0	92	10	***127***	3686 (70%)
% by Transit	27.5%		5.7%	27.5%	0.0%	82.9%	0.0%	***0***	3687 (100%)
Central Waltham									
All Modes	4	106		1	0	17	14	***142***	3683 (40%)
By Transit	4	12		0	0	12	0	***28***	
% by Transit	89.6%	11.3%		0.0%	0.0%	70.6%	0.0%	***0***	
North Newton									3731 (85%)
All Modes	8	76	9		60	318	306	***777***	3732 (10%)
By Transit	0	5	0		4	222	80	***311***	3733 (100%)
% by Transit	0.0%	0.0%	0.0%		6.7%	69.8%	26.1%	***0***	3746 (40%)
East Newton									
All Modes	1	15	3	68		107	96	***290***	3734 (60%)
By Transit	0	0	0	0		69	20	***89***	3735 (10%)
% by Transit	0.0%	0.0%	0.0%	0.0%		64.5%	20.8%	***0***	
TOTALS									
All Modes	***39***	***328***	***150***	***127***	***75***	***576***	***503***	***1798***	
By Transit	***11***	***26***	***4***	***14***	***4***	***395***	***120***	***574***	
% by Tran:	***28.5%***	***7.9%***	***2.7%***	***11.0%***	***5.3%***	***68.6%***	***23.9%***	***0***	

	All Modes	By Transit	Mode Split
Local Trips	719	59	8.2%

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route 56.1
(Newton Corner - Cedarwood)

FROM:	TO: North Waltham	South Waltham	Central Waltham	North Newton	East Newton	Fin Dist/ Gov Ctr	Back Bay/ Park Sq	TOTALS	(Census Tracts)
North Waltham									
All Modes		131	68	7	1	23	10	*240*	3682 -
By Transit		9	0	0	0	0	10	*19*	Residents (75%)
% by Transit		6.9%	0.0%	0.0%	0.0%	0.0%	100.0%	*7.9%*	Employees (10%)
South Waltham									3684 (50%)
All Modes	25		70	51	14	111	77	*348.47*	3685 (100%)
By Transit	7		4	14	0	92	10	*127*	3686 (70%)
% by Transit	27.5%		5.7%	27.5%	0.0%	82.9%	0.0%	*36.4%*	3687 (100%)
Central Waltham									
All Modes	10	238		2	0	38	31	*319*	3683 (90%)
By Transit	4	12		0	0	12	0	*28*	
% by Transit	40.0%	5.0%		0.0%	0.0%	31.6%	0.0%	*8.8%*	
North Newton									3731 (85%)
All Modes	8	76	9		60	318	306	*777.13*	3732 (10%)
By Transit	0	5	0		4	222	80	*311*	3733 (100%)
% by Transit	0.0%	0.0%	0.0%		6.7%	69.8%	26.1%	*40.0%*	3746 (40%)
East Newton									
All Modes	1	15	3	68		107	96	*289.53*	3734 (60%)
By Transit	0	0	0	0		69	20	*89*	3735 (10%)
% by Transit	0.0%	0.0%	0.0%	0.0%		64.5%	20.8%	*30.7%*	
TOTALS									
All Modes	*44*	*460*	*150*	*128*	*75*	*597*	*520*	*1974.1*	
By Transit	*11*	*26*	*4*	*14*	*4*	*395*	*120*	*574*	
% by Trans	*24.9%*	*5.7%*	*2.7%*	*10.9%*	*5.3%*	*66.2%*	*23.1%*	*29.1%*	

	All Modes	By Transit	Mode Split
Local Trips	857	59	6.9%

1/14/88

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route 58
(Newton Corner - Auburndale)

	TO:								
FROM:	*West "North Newton"*	*South Waltham*	*Central Waltham*	*East "North Newton"*	*East Newton*	*Fin Dist/ Gov Ctr*	*Back Bay/ Park Sq*	*TOTALS*	*(Census Tracts)*
West "North Newton"									
All Modes		44	12	92	1	135	118	***402***	3746 (25%)
By Transit		1	2	2	0	61	21	***87***	3748 (100%)
% by Transit		2.3%	16.7%	0.0%	0.0%	45.2%	17.8%	***21.6%***	
South Waltham									3685 (100%)
All Modes	13		275	100	0	92	75	***555***	3686 (75%)
By Transit	0		14	0	0	66	14	***94***	3687 (33%)
% by Transit	0.0%		5.1%	0.0%	0.0%	71.7%	0.0%	***16.9%***	3688 (60%)
Central Waltham									
All Modes	0	244		35	0	129	81	***489***	3689 (30%)
By Transit	0	0		0	0	28	27	***55***	
% by Transit	0.0%	0.0%		0.0%	0.0%	21.7%	33.3%	***11.2%***	
East "North Newton"									
All Modes	31	84	35		3	277	286	***716***	3731 (85%)
By Transit	0	7	0		0	164	67	***238***	3732 (100%)
% by Transit	0.0%	8.3%	0.0%		0.0%	59.2%	23.4%	***33.2%***	
East Newton									
All Modes	0	1	1	9		40	36	***87***	3735 (10%)
By Transit	0	0	0	0		22	14	***36***	
% by Transit	0.0%	0.0%	0.0%	0.0%		55.0%	38.9%	***41.4%***	
TOTALS									
All Modes	***44***	***373***	***323***	***236***	***4***	***673***	***596***	***2249***	
By Transit	***0***	***8***	***16***	***2***	***0***	***341***	***143***	***510***	
% by Tran:	***0.0%***	***2.1%***	***5.0%***	***0.8%***	***0.0%***	***50.7%***	***24.0%***	***22.7%***	

	All Modes	By Transit	Mode Split
Local Trips	980	26	2.7%

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route 59.0
(Watertown Square - Needham Junction)

FROM:	TO: Watertown	North Newton	East Newton	West Newton	South Newton	Needham	Fin Dist/ Gov Ctr	Back Bay/ Park Sq	TOTALS	(Census Tracts)
Watertown										
All Modes		70	19	5	17	9	228	139	***487***	3701 (30%)
By Transit		9	1	0	0	0	122	46	***178***	3704 (60%)
% by Transit		12.9%	5.3%	0.0%	0.0%	0.0%	53.5%	33.1%	***36.6%***	
North Newton										
All Modes	29		90	0	66	9	144	116	***454***	3731 (15%0
By Transit	0		8	0	0	3	76	28	***115***	3732 (65%)
% by Transit	0.0%		8.9%	0.0%	0.0%	0.0%	52.8%	24.1%	***25.3%***	3733 (50%)
East Newton										
All Modes	6	87		8	39	12	201	216	***569***	3734 (60%)
By Transit	0	0		0	1	4	125	45	***175***	3737 (60%)
% by Transit	0.0%	0.0%		0.0%	2.6%	33.3%	62.2%	20.8%	***30.8%***	3738 (05%)
West Newton										
All Modes	4	11	40		27	0	257	173	***512***	3742 (40%)
By Transit	0	0	0		0	0	132	45	***177***	
% by Transit	0.0%	0.0%	0.0%		0.0%	0.0%	51.4%	26.0%		
South Newton										
All Modes	10	43	48	0		18	26	110	***255***	3741 (85%)
By Transit	0	0	0	0		0	26	43	***69***	
% by Transit	0.0%	0.0%	0.0%	0.0%		0.0%	100.0%	39.1%	***27.1%***	
Needham										4055 (50%)
All Modes	12	16	39	10	113		312	189	***691***	4032 (33%)
By Transit	1	0	0	0	12	3	169	61	***246***	4033 (33%)
% by Transit	8.3%	0.0%	0.0%	0.0%	10.6%		54.2%	32.3%	***35.6%***	4034 (25%)
TOTALS										
All Modes	***61***	***227***	***236***		***262***	***48***	***1168***	***770***	***2456***	
By Transit	***1***	***9***	***9***		***13***	***10***	***650***	***223***	***783***	
% by Tran:	***1.6%***	***4.0%***	***3.8%***		***5.0%***	***20.8%***	***55.7%***	***29.0%***	***31.9%***	

	Total Trips	Transit Trips	% by Transit
Local Trips	834	42	5.0%

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route 301
(Brighton Center - Federal/Franklin)

	TO:							
FROM:	*Back Bay*	*Beacon Hill*	*Financial /Govt Ctr*	*North Newton*	*Park Square*	*Washington Street*	*TOTALS*	*(Census Tracts)*
Cambridge St								1 (10%)
All Modes	244	28	530	7	131	14	***953***	6.01 (50%)
By Transit	162	20	381	7	61	6	***637***	6.02 (50%)
% by Transit	66.3%	71.4%	71.9%	100.0%	46.6%	44.7%	***66.8%***	7.02 (12%)
N.Newton								8 (50%)
All Modes	136	3	222	43	106	15	***525***	
By Transit	33	0	165	0	20	5	***223***	3731 100%)
% by Transit	24.3%	0.0%	74.3%	0.0%	18.9%	30.5%	***42.4%***	
Washington St								2.01 (33%)
All Modes	268	36	489	10	119	41	***963***	2.02 (25%)
By Transit	117	9	345	0	62	10	***542***	3 (33%)
% by Transit	43.7%	25.0%	70.5%	0.0%	51.9%	24.3%	***56.3%***	4 (33%)
TOTALS								
All Modes	***647***	***66***	***1241***	***60***	***356***	***70***	***2441***	
By Transit	***311***	***30***	***891***	***7***	***143***	***21***	***1401***	
% by Tran:	***48.1%***	***44.8%***	***71.8%***	***11.2%***	***40.1%***	***29.7%***	***57.4%***	

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Routes 302/304
(Route 302: Watertown Square - Copley Square)
(Route 304.0: Watertown Square - Federal/Franklin)
(Route 304.1: Newton Corner - Federal/Franklin)

			TO:					
FROM:	*Watertown*	*North Newton*	*Financial Dist/ Gov Ctr*	*Back Bay*	*Park Square*	*Beacon Hill*	*TOTALS*	*(Census Tracts)*
Watertown								
All Modes		17	228	93	46	17	***401***	3701(30%)
By Transit		0	122	36	10	3	***171***	3704(60%)
% by Transit		0.0%	53.5%	38.7%	21.7%	17.6%	***42.6%***	
North Newton								
All Modes	24		222	136	106	3	***491***	3731(100%)
By Transit	0		165	33	20	0	***218***	
% by Transit	0.0%		74.3%	24.3%	18.9%	0.0%	***44.4%***	
TOTALS								
All Modes	***24***	***17***	***450***	***229***	***152***	***20***	***892***	
By Transit	***0***	***0***	***287***	***69***	***30***	***3***	***389***	
% by Tran:	***0.0%***	***0.0%***	***63.8%***	***30.1%***	***19.7%***	***15.0%***	***43.6%***	

Boston Trips	All Modes	By Transit	% by Transit
Route 302 Trips (Watertown/N. Newton to Back Bay)	229	69	30.1%
Route 304.0 Trips (Watertown/N. Newton to Fin Dist/Gov Ctr)	450	287	63.8%
Route 304.1 Trips (N. Newton to Fin dist/Gov Ctr)	222	165	74.3%
Rt 302 to F&F (Wat/N. Newton to BB/PS/FD/GC)	831	386	46.5%
Rt 302 to Park St (Wat/N. Newton to BB/PS/BH)	401	102	25.4%
Rt 302 to Park Sq (Wat/N. Newton to BB/PS)	381	99	26.0%

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route 304 Extended to Waverley

FROM:	*Waverley*	*Watertown*	*North Newton*	*Fin Dist/ Gov Ctr*	*TOTALS*	*(Census Tracts)*
Waverley						
All Modes		30	14	112	***156***	3701(30%)
By Transit		0	0	65	***65***	3702(50%)
% by Transit		0.0%	0.0%	58.0%	***41.7%***	3704(60%)
Watertown						
All Modes	18		33	501	***552***	3731(100%)
By Transit	0		0	333	***333***	
% by Transit	0.0%		0.0%	66.5%	***60.3%***	
North Newton						
All Modes	0	50		222	***272***	3576(90%)
By Transit	0	0		165	***165***	3578(50%)
% by Transit	0.0%	0.0%		74.3%		
TOTALS						
All Modes	***18***	***80***	***47***	***835***	***980***	
By Transit	***0***	***0***	***0***	***563***	***563***	
% by Tran:	***0.0%***	***0.0%***	***0.0%***	***67.4%***	***57.4%***	

	All Modes	By Transit	% by Transit
Local Trips:	145	0	0.0%

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route 305
(Waltham Center - Federal/Franklin)

FROM:	South Waltham	Central Waltham	North Newton	West Newton	Fin Dist/ Gov Ctr	Back Bay/ Park Sq	TOTALS	(Census Tracts)
South Waltham								
All Modes		18	8	0	86	59	***171***	3685 (100%)
By Transit		2	2	0	66	6	***76***	3686 (85%)
% by Transit		11.1%	25.0%	0.0%	76.7%	10.2%	***44.4%***	3688 (30%)
Central Waltham								
All Modes	22		1	0	6	5	***34***	3683 (15%)
By Transit	5		0	0	5	0	***10***	3689 (10%)
% by Transit	22.7%		0.0%	0.0%	83.3%	0.0%	***29.4%***	
North Newton								
All Modes	12	1		3	27	21	***64***	3746 (15%)
By Transit	1	0		0	21	12	***34***	3748 (15%)
% by Transit	8.3%	0.0%		0.0%	77.8%	57.1%	***53.1%***	
West Newton								
All Modes	2	0	3		39	26	***70***	3744 (20%)
By Transit	0	0	0		17	10	***27***	3748 (70%)
% by Transit	0.0%	0.0%	0.0%		43.6%	38.5%	***38.6%***	
TOTALS								
All Modes	***36***	***19***	***12***	***3***	***158***	***111***	***339***	
By Transit	***6***	***2***	***2***	***0***	***109***	***28***	***147***	
% by Tran:	***16.7%***	***0.0%***	***16.7%***	***0.0%***	***69.0%***	***25.2%***	***43.4%***	

	All Modes	By Transit	% by Transit
Local Trips	70	10	14.3%
Back Bay/Park Square Trips	111	28	25.2%
Fin Dist/GovCtr Trips	158	109	69.0%

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route "A"
(Waltham Center - Newton Corner)

	TO:								
FROM:	*South Waltham*	*Central Waltham*	*North Newton*	*West Newton*	*East Newton*	*Fin Dist/ Gov Ctr*	*Back Bay/ Park Sq*	*TOTALS*	*(Census Tracts)*
South Waltham									
All Modes		43	51	0	17	88	66	*265*	3685 (100%)
By Transit		3	9	0	0	65	10	*87*	3686 (85%)
% by Transit		7.0%	17.6%	0.0%	0.0%	73.9%	15.2%	*32.8%*	3688 (30%)
Central Waltham									
All Modes	41		5	0	1	19	13	*79*	3683 (15%)
By Transit	5		0	0	0	7	3	*15*	3689 (10%)
% by Transit	12.2%		0.0%	0.0%	0.0%	36.8%	0.0%	*19.0%*	
North Newton									3731 (85%)
All Modes	93	14		20	90	326	351	*894*	3732 (30%)
By Transit	4	1		0	8	212	98	*323*	3733 (50%)
% by Transit	4.3%	7.1%		0.0%	8.9%	65.0%	27.9%	*36.1%*	3746 (75%)
West Newton									3748 (25%)
All Modes	1	0	8		5	29	19	*62*	
By Transit	0	0	0		0	13	8	*21*	3744 (15%)
% by Transit	0.0%	0.0%	0.0%		0.0%	44.8%	42.1%	*33.9%*	
East Newton									
All Modes	11	1	54	1		107	96	*270*	3734 (60%)
By Transit	0	0	0	0		68	20	*88*	3735 (10%)
% by Transit	0.0%	0.0%	0.0%	0.0%		63.6%	20.8%	*32.6%*	
TOTALS									
All Modes	*146*	*58*	*118*	*21*	*113*	*569*	*545*	*1570*	
By Transit	*9*	*4*	*9*	*0*	*8*	*365*	*139*	*534*	
% by Tran:	*6.2%*	*0.0%*	*7.6%*	*0.0%*	*7.1%*	*64.1%*	*25.5%*	*34.0%*	

	Total Trips	Transit Trips	% by Transit
Local Trips	456	30	6.6%

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WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route "B"
(Roberts - Watertown Square via Waverley Square)

FROM:	*South Waltham*	*Central Waltham*	*Waverley*	*Watertown*	*Fin Dist/ Gov Ctr*	*Back Bay/ Park Sq*	*TOTALS*	*(Census Tracts)*
South Waltham								
All Modes		219	0	23	39	35	***316***	3684 (60%)
By Transit		0	0	0	35	12	***47***	3688 (40%)
% by Transit		0.0%	0.0%	0.0%	89.7%	34.3%	***14.9%***	
Central Waltham								3683 (85%)
All Modes	342		11	88	124	75	***640***	3689 (50%)
By Transit	0		0	14	56	14	***84***	3690 (10%)
% by Transit	0.0%		0.0%	15.9%	45.2%	18.7%	***13.1%***	3691 (50%)
Waverley								
All Modes	16	39		30	112	78	***275***	3576 (90%)
By Transit	0	0		0	65	4	***69***	3578 (50%)
% by Transit	0.0%	0.0%		0.0%	58.0%	5.1%	***25.1%***	
Watertown								
All Modes	178	156	18		501	285	***1138***	3701 (50%)
By Transit	18	8	0		334	92	***452***	3702 (50%)
% by Transit	10.1%	5.1%	0.0%		66.7%	32.3%	***39.7%***	3704 (60%)
TOTALS								
All Modes	***536***	***414***	***29***	***141***	***776***	***473***	***2369***	
By Transit	***18***	***8***	***0***	***14***	***490***	***122***	***652***	
% by Tran:	***3.4%***	***0.0%***	***0.0%***	***9.9%***	***63.1%***	***25.8%***	***27.5%***	

	All Modes	By Transit	Mode Split
Local Trips	1120	40	3.6%

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route "C"
(Auburndale - Newton Corner)

FROM:	West "North Newton	Central "North Newton	East "North Newton	East Newton	Fin Dist/ Gov Ctr	Back Bay/ Park Sq	TOTALS	(Census Tracts)
West "North Newton"								
All Modes		10	23	40	102	76	***251***	3748 (80%)
By Transit		0	0	0	45	6	***51***	
% by Transit		0.0%	0.0%	0.0%	44.1%	7.9%	***20.3%***	
Central "North Newton"								
All Modes	7		35	62	67	65	***236***	3733 (50%)
By Transit	4		4	3	44	26	***81***	3746 (40%)
% by Transit	57.1%		11.4%	4.8%	65.7%	40.0%	***34.3%***	
East "North Newton"								
All Modes	6	42		105	216	230	***599***	3731 (85%)
By Transit	0	4		3	147	52	***206***	3732 (30%)
% by Transit	0.0%	9.5%		2.9%	68.1%	22.6%	***34.4%***	
East Newton								
All Modes	15	64	23		302	224	***628***	3734 (60%)
By Transit	0	0	0		155	71	***226***	3735 (10%)
% by Transit	0.0%	0.0%	0.0%		51.3%	31.7%	***36.0%***	3704 (60%)
TOTALS								
All Modes	***28***	***116***	***81***	***207***	***687***	***595***	***1714***	
By Transit	***4***	***4***	***4***	***6***	***391***	***155***	***564***	
% by Tran:	***14.3%***	***0.0%***	***4.9%***	***2.9%***	***56.9%***	***26.1%***	***32.9%***	

	All Modes	By Transit	Mode Split
Local Trips	432	18	4.2%

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WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route "D"
(Waltham Center - Watertown Square via Rt 58 alignment)

	TO:								
FROM:	*North Waltham*	*Central Waltham*	*North Newton*	*East Newton*	*Watertown*	*Fin Dist/ Gov Ctr*	*Back Bay/ Park Sq*	*TOTALS*	*(Census Tracts)*
North Waltham									
All Modes		241	19	1	24	30	13	***328***	3682 (100%)
By Transit		0	0	0	0	0	13	***13***	
% by Transit		0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	***4.0%***	
Central Waltham									
All Modes	277		35	0	21	77	55	***465***	3683 (90%)
By Transit	12		0	0	5	36	8	***61***	3689 (30%)
% by Transit	4.3%		0.0%	0.0%	23.8%	46.8%	14.5%	***13.1%***	
North Newton									
All Modes	225	10		3	42	277	286	***843***	3732 (100%)
By Transit	0	0		0	0	165	67	***232***	3731 (85%)
% by Transit	0.0%	0.0%		0.0%	0.0%	59.6%	23.4%	***27.5%***	
East Newton									
All Modes	2	2	9		2	40	36	***91***	3735 (10%)
By Transit	0	0	0		0	22	14	***36***	
% by Transit	0.0%	0.0%	0.0%		0.0%	55.0%	38.9%	***39.6%***	
Watertown									
All Modes	64	27	87	0		168	120	***466***	3701 (30%)
By Transit	0	0	11	0		90	40	***141***	3704 (30%)
% by Transit	0.0%	0.0%	12.6%	0.0%		53.6%	33.3%	***30.3%***	
TOTALS									
All Modes	***568***	***280***	***150***	***4***	***89***	***592***	***510***	***2193***	
By Transit	***12***	***0***	***11***	***0***	***5***	***313***	***142***	***483***	
% by Tran:	***2.1%***	***0.0%***	***7.3%***	***0.0%***	***5.6%***	***52.9%***	***27.8%***	***22.0%***	

	All Modes	By Transit	Mode Split
Local Trips w/o ext to 128	523	16	3.1%
Local Trips with ext to 128	1091	28	2.6%

>>>Note: Nearly all North Waltham jobs are in the vicinity of 128 and are not served by Route 58 or D.

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route "E"
(Roberts - Newton Corner (Outer Rt 53+ Inner Rt 58))

FROM:	South Waltham	Central Waltham	North Newton	East Newton	Fin Dist/ Gov Ctr	Back Bay/ Park Sq	TOTALS	(Census Tracts)
South Waltham								
All Modes		169	71	1	47	48	***336***	3648 (60%)
By Transit		0	0	0	41	14	***55***	3687 (33%)
% by Transit		0.0%	0.0%	0.0%	87.2%	29.2%	***16.4%***	3688 (60%)
Central Waltham								
All Modes	7		34	0	74	53	***168***	3689 (30%)
By Transit	4		0	0	35	8	***47***	3683 (85%)
% by Transit	57.1%		0.0%	0.0%	47.3%	15.1%	***28.0%***	
North Newton								
All Modes	6	10		3	278	286	***583***	3731 (85%)
By Transit	0	0		0	164	67	***231***	3732 (100%)
% by Transit	0.0%	0.0%		0.0%	59.0%	23.4%	***39.6%***	
East Newton								
All Modes	15	1	9		47	36	***108***	3735 (10%)
By Transit	0	0	0		41	14	***55***	
% by Transit	0.0%	0.0%	0.0%		87.2%	38.9%	***50.9%***	
TOTALS								
All Modes	***28***	***180***	***114***	***4***	***446***	***423***	***1195***	
By Transit	***4***	***0***	***0***	***0***	***281***	***103***	***388***	
% by Tran:	***14.3%***	***0.0%***	***0.0%***	***0.0%***	***63.0%***	***24.3%***	***32.5%***	

	All Modes	By Transit	Mode Split
Local Trips	326	4	1.2%

WESTBus
Work Trips Between Areas Within One-Quarter Mile of Route "F"
(Waverley - Newton Corner (Rts 54+58)

FROM:	*Waverley*	*Central Waltham*	*South Waltham*	*North Newton*	*East Newton*	*Fin Dist/ Gov Ctr*	*Back Bay/ Park Sq*	*TOTALS*	*(Census Tracts)*
Waverley									
All Modes		39	11	11	2	112	78	***253***	3576 (90%)
By Transit		0	0	0	0	65	4	***69***	3578 (50%)
% by Transit		0.0%	0.0%	0.0%	0.0%	58.0%	5.1%	***27.3%***	
Central Waltham									3683 (15%)
All Modes	11		168	36	0	95	52	***362***	3689 (50%)
By Transit	0		0	0	0	35	14	***49***	3690 (10%)
% by Transit	0.0%		0.0%	0.0%	0.0%	36.8%	26.9%	***13.5%***	3691 (50%)
South Waltham									
All Modes	0	106		52	0	16	27	***201***	3687 (33%)
By Transit	0	2		0	0	10	8	***20***	3688 (60%)
% by Transit	0.0%	1.9%		0.0%	0.0%	62.5%	29.6%	***10.0%***	
North Newton									
All Modes	0	20	38		3	277	286	***624***	3731 (85%)
By Transit	0	0	7		0	165	98	***270***	3732 (100%)
% by Transit	0.0%	0.0%	18.4%		0.0%	59.6%	34.3%	***43.3%***	3746 (75%)
East Newton									
All Modes	0	1	0	9	2	40	36	***88***	
By Transit	0	0	0	0		22	14	***36***	3735 (10%)
% by Transit	0.0%	0.0%	0.0%	0.0%		55.0%	38.9%	***40.9%***	
TOTALS									
All Modes	***11***	***166***	***217***	***108***	***7***	***540***	***479***	***1528***	
By Transit	***0***	***2***	***7***	***0***	***0***	***297***	***138***	***444***	
% by Tran:	***0.0%***	***0.0%***	***3.2%***	***0.0%***	***0.0%***	***55.0%***	***28.8%***	***29.1%***	

	All Modes	By Transit	% by Transit
Local Trips:	509	9	1.8%

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